



*Mitchell E. Daniels, Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant

DATE: December 20, 2007

RE: BF Goodrich Tire Manufacturing / 003-24944-00008

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

### **Notice of Decision: Approval – Effective Immediately**

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 and 326 IAC 2, this permit modification is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of a Title V operating permit or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency  
401 M Street  
Washington, D.C. 20406

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.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

Mitchell E. Daniels, Jr.  
Governor

Thomas W. Easterly  
Commissioner

100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251  
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Mr. Kevin Rogers  
BF Goodrich Tire Manufacturing  
P.O. Box 227  
Woodburn, Indiana 46797-0277

December 20, 2007

RE: 003-24944-00008  
Second Significant Permit Modification to  
Part 70 No.: T003-5974-00008

Dear Mr. Rogers:

BF Goodrich Tire Manufacturing was issued a Part 70 Operating Permit T003-5974-00008 on October 16, 2000 for a stationary rubber tire manufacturing source. An application requesting changes to this permit was received on May 16, 2007. Pursuant to the provisions of 326 IAC 2-7-12, a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

BF Goodrich Tire Manufacturing has applied to construct and operate six (6) 43" curing presses and twenty (20) 40.5" curing presses. In addition, the source will replace seven (7) existing Tire Uniformity Optimizer (TUO) units with seven (7) more advanced models with identical capacity.

The changes in the Part 70 Operating Permit are documented in the Technical Support Document. All other conditions of the permit shall remain unchanged and in effect. For your convenience, the entire revised Title V Operating Permit, with all modifications and amendments made to it, is being provided.

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 David Matousek, IDEM, Permits Branch, OAQ, 100 North Senate Avenue, MC61-53 IGCN 1003, Indianapolis, Indiana 46204-2251, or call at (800) 451-6027 and ask for David Matousek or extension 4-5174, or dial direct (317) 234-5174.

Sincerely,

Original signed by  
Matthew Stuckey, Deputy Branch Chief  
Permits Branch  
Office of Air Quality

Attachments  
DJM/djm

CC: File - Allen County  
U.S. EPA, Region V  
Allen County Health Department  
Air Compliance Section Inspector  
Compliance Branch  
Administrative and Development Section



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## PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**BF Goodrich Tire Manufacturing  
18906 US Highway 24 East  
Woodburn, Indiana 46797**

(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.

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T003-5974-00008	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:

First Administrative Amendment No.: 003-13780-00008, issued on February 8, 2001;  
Second Administrative Amendment No.: 003-14114-00008, issued on April 11, 2001;  
First Significant Permit Modification No.: 003-21271-00008, issued on September 6, 2005;  
Third Administrative Amendment No.: 003-21999-00008, issued on December 16, 2005; and  
Fourth Administrative Amendment No.: 003-24257-00008, issued on March 20, 2007.

Second Significant Permit Modification No.: 003-24944-00008	
Original Signed by:  Matthew Stuckey, Deputy Branch Chief Permits Branch Office of Air Quality	Issuance Date: December 20, 2007

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##### **Part 70 Quarterly Report - Tread End Cementing**

##### **Part 70 Quarterly Report - Curing Press**

##### **Quarterly Deviation and Compliance Monitoring Report**

## 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 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(15)][326 IAC 2-7-1(22)]

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The Permittee owns and operates a stationary rubber tire manufacturing facility.

Source Address:	18906 US Highway 24 East, Woodburn, Indiana 46797
Mailing Address:	P.O. Box 277, Woodburn, Indiana 46797
General Source Phone Number:	(260) 493-8100
SIC Code:	3011
County Location:	Allen
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program; Major Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act; and Not 1 of 28 Source Categories.

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(15)]

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

- (a) One (1) carbon black unloading area, identified as EU-01, constructed in 1961 and modified in 1996, with a maximum capacity of 18,916 pounds per hour, using four (4) baghouses for control and exhausting at stacks 356 A–D.
- (b) One (1) banbury mixing area, identified as EU-02, consisting of three (3) mills operating in series, constructed in 1961 and modified in 1968, with a maximum capacity of 46,974 pounds of rubber, carbon black, and chemicals per hour, using three (3) baghouses for control and exhausting at stacks 200, 201 to 203, 208, 210, 211, 216 and 286.
- (c) Four (4) natural gas or No. 2/No. 6 fuel oil or fuel oil blend fired boilers, identified as #1, #2, #3 and #5, boilers #1, #2 and #3 were constructed in 1961, boiler #5 was constructed in 1974, with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MMBtu/hr), respectively, using no control, boiler #1 and #2 exhaust at stack 109, boiler #3 exhausts at stack 114 and boiler #5 exhausts at stack 257.
- (d) One (1) component preparation area, which includes milling, extruding, and calendering, identified as EU-03, constructed prior to 1974 with one mill constructed in 2007, with a maximum capacity of 49,420 pounds per hour for milling and 48,378 pounds per hour for calendering and extruding, using no control, exhausting at stacks 173, 174, 186, 254, 255, 318, 324 to 330.
- (e) One (1) tire building area, constructed in 1961, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 301-309, 312, and 313.

- (f) One (1) tire curing process, identified as EU-05, with 178 presses constructed in 1961 and modified in 2004 and 26 presses approved for construction in 2007, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 52-58, 61-66, 69, 71, 73, 75, 77, 79, 80, and 83-88.
- (g) One (1) white side wall (WSW) grinding and tire uniformity optimizer (TUO) module area, constructed in 1961 and modified in 2003, with a maximum capacity of 35,467 pounds per hour for WSW grinding and 7,093 pounds per hour for TUO operations, using seventeen (17) cyclone dust collectors as control, exhausting to stacks 258-261, and 265-277.
- (h) One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum capacity of 2,081 tires per hour or 47,290 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four (4) process boilers to control VOC emissions.
- (i) Miscellaneous solvent usage.

A.3 Specifically Regulated Insignificant Activities  
[326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(15)]

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This stationary source also includes the following insignificant activities which are specifically regulated in 326 IAC 2-7-1(21):

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.
- (b) One (1) green tire spray operation, with a maximum capacity of 41,332 pound per hour, using particulate baffle filters, exhausting at stacks 130, 132, 145, 262, 263, 264, 279 and 280.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

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This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

## SECTION B

## GENERAL CONDITIONS

### B.1 Definitions [326 IAC 2-7-1]

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Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

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

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

### B.3 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]

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- (a) This permit, T003-5974-00008, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

### B.5 Enforceability [326 IAC 2-7-7]

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

### B.6 Severability [326 IAC 2-7-5(5)]

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

### B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

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

### B.8 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

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- (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 the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of

requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.9 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

- (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 the "responsible official" 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) A "responsible official" is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

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

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

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
  - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

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

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)][326 IAC 2-7-6(1) and (6)][326 IAC 1-6-3]

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, 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 Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (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 the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.12 Emergency Provisions [326 IAC 2-7-16]

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

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,  
Compliance Section), or  
Telephone Number: 317-233-0178 (ask for Compliance Section)  
Facsimile Number: 317-233-6865

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

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

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

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

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

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
  - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
  - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.

- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.13 Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced 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 Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
  - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
  - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
  - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
  - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.14 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T003-5974-00008 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised under 326 IAC 2-7-10.5, or
  - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this combined permit, all previous registrations and permits are superseded by this combined new source review and part 70 operating permit.

B.15 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(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 nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

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

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or

anticipated noncompliance does not stay any condition of this permit.  
[326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
  - (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.18 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]

- (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 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
  - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
  - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 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.19 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 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  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)][326 IAC 2-7-12(b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b),(c), or (e) without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

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

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

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b),(c), or (e). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

**B.22 Source Modification Requirement [326 IAC 2-7-10.5]**

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- (a) A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.
- (b) Any modification at an existing major source is governed by the requirements of 326 IAC 2-2 (for sources located in NA areas).

B.23 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]

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 Part 70 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 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 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 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.24 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 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  
Permits Branch, 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 the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.25 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.26 Advanced Source Modification Approval [326 IAC 2-7-5(16)] [326 IAC 2-7-10.5]

- (a) The requirements to obtain a source modification approval under 326 IAC 2-7-10.5 or a permit modification under 326 IAC 2-7-12 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.
- (b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

B.27 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

## SECTION C

## SOURCE OPERATION CONDITIONS

### Entire Source

#### Emission Limitations and Standards [326 IAC 2-7-5(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 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.3 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.4 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.5 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). 326 IAC 6-4-2(4) is not federally enforceable.
- C.6 Stack Height [326 IAC 1-7]
- 
- The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(3), 1-7-2, 1-7-3(c) and (d), 1-7-4, and 1-7-5(a), (b), and (d) are not federally enforceable.
- 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  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (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 Accredited 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 Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

## Testing Requirements [326 IAC 2-7-6(1)]

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

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

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (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 the "responsible official" as defined by 326 IAC 2-7-1(34).
- (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]

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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 2-7-5(1)][326 IAC 2-7-6(1)]

### C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

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Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

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

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

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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] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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

**Corrective Actions and Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]**

**C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (c) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

**C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]**

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

**C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]**

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- (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.

**C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]**

- (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 the "responsible official" as defined by 326 IAC 2-7-1(34).

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]**

- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the

following requirements:

- (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
- (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-50 IGCN 1003  
Indianapolis, Indiana 46204-2251

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) The emission statement 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.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]  
[326 IAC 2-2][326 IAC 2-3]

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- (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.
- (c) If there is a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:
  - (1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, document and maintain the following records:
    - (A) A description of the project.
    - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
    - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:

- (i) Baseline actual emissions;
  - (ii) Projected actual emissions;
  - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1 (mm)(2)(A)(iii); and
  - (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (2) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
- (3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:
- Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) 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 the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.
- (f) If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1

(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:

- (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C- General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C- General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1 (xx) and/or 326 IAC 2-3-1 (qq), for that regulated NSR pollutant, and
  - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).
- (g) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:
- (1) The name, address, and telephone number of the major stationary source.
  - (2) The annual emissions calculated in accordance with (c)(2) and (3) in Section C - General Record Keeping Requirements.
  - (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).
  - (4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

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

- (h) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C- General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

### **Stratospheric Ozone Protection**

#### **C.20 Compliance with 40 CFR 82 and 326 IAC 22-1**

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

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

## SECTION D.1

## FACILITY OPERATION CONDITIONS

### Emissions Unit Description:

- (a) One (1) carbon black unloading area, identified as EU-01, constructed in 1961 and modified in 1996, with a maximum capacity of 18,916 pounds per hour, using four (4) baghouses for control and exhausting at stacks 356 A–D.
- (b) One (1) banbury mixing area, identified as EU-02, consisting of three (3) mills operating in series, constructed in 1961 and modified in 1968, with a maximum capacity of 46,974 pounds of rubber, carbon black, and chemicals per hour, using three (3) baghouses for control and exhausting at stacks 200, 201 to 203, 208, 210, 211, 216 and 286.
- (c) One (1) white side wall (WSW) grinding and tire uniformity optimizer (TUO) module area, constructed in 1961 and modified in 2003, with a maximum capacity of 35,467 pounds per hour for WSW grinding and 7,093 pounds per hour for TUO operations, using seventeen (17) cyclone dust collectors as control, exhausting to stacks 258-261, and 265-277.

(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 2-7-5(1)]

#### D.1.1 Particulate Emission Limitations [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from each of following operations shall not exceed the pound per hour limits listed below:

- (a) Carbon black unloading shall not exceed 18.48 pounds per hour when operating at a process weight rate of 18,916 pounds per hour.
- (b) Banbury mixing shall not exceed 33.98 pounds per hour when operating at a process weight rate of 46,974 pounds per hour.
- (c) WSW grinding shall not exceed 28.15 pounds per hour when operating at a process weight rate of 35,467 pounds per hour.
- (d) The TUO module area shall not exceed 9.58 pounds per hour when operating at a process weight rate of 7,093 pounds per hour.

#### D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

### Compliance Determination Requirements

#### D.1.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limits specified in Condition D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

#### D.1.4 Particulate Control

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- (a) In order to comply with Condition D.1.1, the dust collectors, baghouses, cyclones, and dry filters for PM control shall be in operation at all times when the carbon black unloading, banbury mixing, WSW grinding and TUO module area are in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

#### **Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**

#### D.1.5 Visible Emissions Notations

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- (a) Visible emission notations of the carbon black unloading area baghouse stack exhausts (stacks 356A, 356B, 356C and 356D) shall be performed once per day during normal daylight operations. A trained employee or a trained contractor shall record whether emissions are normal or abnormal.
- (b) Visible emission notations of the banbury mixing, pellet spiraling for banbury mixing, BB dump and pellet feed for banbury mixing baghouse stack exhausts (stacks 200, 208 and 210) shall be performed once per day during normal daylight operations. A trained employee or a trained contractor shall record whether emissions are normal or abnormal.
- (c) Visible emission notations of the WSW grinding and TUO module area stack exhausts (stacks 258 to 261 and 265 to 277) shall be performed once per day during normal daylight operations. A trained employee or a trained contractor shall record whether emissions are normal or abnormal.
- (d) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (e) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (f) A trained employee or contractor is a person who has worked or trained at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (g) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

#### D.1.6 Parametric Monitoring

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The Permittee shall perform automatic daily monitoring and recording of the pressure differential readings on the banbury mixers, BB dump, and pellet feed. This information shall be provided by a PLC/differential pressure transducer based system. The system shall take daily readings of the baghouses pressure drop ranges and shall be maintained at 1.0 to 5.0 inches of water or ranges established during the latest stack test. Any reading outside this range shall sound an alarm/alert function for immediate response by maintenance personnel to shut the unit down until the situation is remedied. When for any one reading, the pressure drop across the baghouse is outside the normal range of 1.0 to 5.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above

mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ and shall be calibrated at least once every six (6) months.

#### D.1.7 Broken or Failed Bag Detection

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

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

#### D.1.8 Record Keeping Requirements

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- (a) To document compliance with Condition D.1.5(a), D.1.5(b), and D.1.5(c), the Permittee shall maintain a daily record of visible emission notations of the stack exhaust from stacks 200, 208, 210, 258 to 261, 265 to 277, and 356A to 356D. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation (e.g. the process did not operate that day).
- (b) To document compliance with Condition D.1.6, the Permittee shall maintain a daily automatic or manual record of the pressure drop across the baghouses controlling the banbury mixing, BB dump and pellet feed for banbury mixing operation. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).
- (c) 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:

- (d) Four (4) natural gas or No. 2/No. 6 fuel oil or fuel oil blend fired boilers, identified as #1, #2, #3 and #5, boilers #1, #2 and #3 were constructed in 1961, boiler #5 was constructed in 1974, with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MMBtu/hr), respectively, using no control, boiler #1 and #2 exhaust at stack 109, boiler #3 exhausts at stack 114 and boiler #5 exhausts at stack 257.

(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 2-7-5(1)]

#### D.2.1 Sulfur Dioxide (SO<sub>2</sub>) Emissions Limitations [326 IAC 7-1.1]

Pursuant to 326 IAC 7-1.1 (SO<sub>2</sub> Emissions Limitations), the SO<sub>2</sub> emissions from the four (4) natural gas or No. 6/No. 2 fuel oil fired boilers, identified as #1 through #3 and #5, with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MM Btu/hr), respectively, using no control, exhausting at stacks 109, 114, 124, and 257 shall each not exceed:

- (a) one and six tenths (1.6) pounds per MMBtu heat input when combusting No. 6 fuel oil, or  
(b) five tenths (0.5) pounds per MMBtu heat input when combusting No. 2 fuel oil.

#### D.2.2 PM Emissions Limitations [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2, Particulate Emission Limitations for Sources of Indirect Heating, the particulate matter (PM) from boilers, identified as #1 through #3 and #5, shall be limited by the following:

$$Pt = C \times a \times h / 76.5 \times Q^{0.75} \times N^{0.25}$$

Where:

Pt = Pounds of particulate matter emitted per million Btu heat unput (lb/MMBtu)

C = Maximum ground level concentration

Q = Total source maximum operating capacity rating

N = Number of stacks

a = Plume rise factor

h = Stack height in feet

- (a) Boilers #1 to #3 shall not exceed 0.61 pounds of PM per MMBtu; and  
(b) Boiler #5 shall not exceed 0.45 pounds of PM per MMBtu.

### Compliance Determination Requirements

#### D.2.3 Compliance Schedule for Combustion of Boiler No. 6 Fuel Oil with Excess Sulfur Content

Final resolutions regarding violations from combustion of the Boiler Fuel Oil with excess sulfur content will be address through a later Agreed Order or Commissioner's Order, which will provide for appropriate civil penalties, the following interim steps should be taken regarding the Boiler Fuel Oil Currently at the Woodburn Plant:

- (a) The Permittee shall utilize as fuel all present contents of the day tank, now containing approximately 75,000 gallons of fuel oil with a sulfur content of 1.64%. After the tank is emptied, Uniroyal shall not allow any fuel oil with a sulfur content exceeding 1.528% to be placed in the tank.
- (b) The Permittee shall add 600,000 gallons of fuel oil with a sulfur content of 1.34% to the large storage tank, and use the tank heaters to provide thermal drafting to blend the oils. Data shall be submitted showing when this fuel oil was added, and that its sulfur content complies with these requirements, to Mr. Brian Eaton at the above address. This data shall be submitted prior to using the blended oil in the large storage tank as fuel.
- (c) The Permittee shall continue blending the oils for at least ten (10) days after the last of the additional 600,000 gallons of fuel oil is added, before any fuel oil from the large storage tank is used as fuel.
- (d) The Permittee shall take daily samples of the blended fuel oil in the large storage tank and analyze the samples for sulfur content. Fuel oil from the large storage tank shall not be used until five consecutive daily samples show a sulfur content of 1.528% or less. Uniroyal shall not begin using the fuel oil if blending has not continued for ten days since the last of the additional fuel oil was added to the large storage tank, even if five (5) consecutive daily samples show compliance with the sulfur content requirement.
- (e) After sampling has demonstrated compliance with the requirements in paragraph (d), sampling of the fuel oil shall be conducted weekly instead of daily, until this requirement is modified by a final order resolving IDEM's enforcement action regarding combustion of Boiler Fuel Oil with excess sulfur content.
- (f) The Permittee shall maintain records of its fuel oil sampling and its analysis of the fuel oil sulfur content for at least two years from the date of sampling. A record shall be maintained of the sampling procedure used for taking fuel oil samples. These records shall be kept on-site and made available to IDEM upon request.
- (g) After blending has continued for at least ten (10) days, and sampling has demonstrated compliance with the requirements in paragraph (d), the Permittee shall not allow any fuel oil with a sulfur content exceeding 1.528% to be placed in the large storage tank.

#### D.2.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

Within sixty days of the completed rebuild of Boiler #5, stack testing for opacity when burning No.6 fuel oil shall be performed. Compliance shall be determined by a performance stack test conducted in accordance with Section C - Performance Testing. The Permittee shall perform opacity testing utilizing Method 9 (40 CFR 60, Appendix A), or other methods as approved by the Commissioner. The opacity testing shall be repeated at least once every two and one half (2 1/2) years from the date of this valid compliance demonstration.

#### D.2.5 Sulfur Dioxide Emissions and Sulfur Content

Compliance shall be determined utilizing one of the following options:

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed one and five tenths percent (1.5%) by weight by:
  - (1) Providing vendor analysis of fuel delivered, if accompanied by a certification;
  - (2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
    - (A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

- (B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling; or
- (b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the four boilers #1 through #3 and #5, using 40 CFR 60, Appendix A, Method 8 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

## SECTION D.3

## FACILITY OPERATION CONDITIONS

### Emissions Unit Description:

- (e) One (1) component preparation area, which includes milling, extruding, and calendering, identified as EU-03, constructed prior to 1974 with one mill constructed in 2007, with a maximum capacity of 49,420 pounds per hour for milling and 48,378 pounds per hour for calendering and extruding, using no control, exhausting at stacks 173, 174, 186, 254, 255, 318, 324 to 330.
- (f) One (1) tire building area, constructed in 1961, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 301-309, 312, and 313.
- (g) One (1) tire curing process, identified as EU-05, with 178 presses constructed in 1961 and modified in 2004 and 26 presses approved for construction in 2007, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 52-58, 61-66, 69, 71, 73, 75, 77, 79, 80, and 83-88.
- (h) One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum capacity of 2,081 tires per hour or 47,290 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four (4) process boilers to control VOC emissions.
- (i) Miscellaneous solvent usage.

### Insignificant Activity

- (a) One (1) green tire spray, with a maximum capacity of 41,332 pound per hour, using particulate baffles, exhausting at stacks 130, 132, 145, 262, 263, 264, 279, and 280.

(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 2-7-5(1)]

#### D.3.1 Minor Modification - Prevention of Significant Deterioration (PSD) [326 IAC 2-2]

- (a) VOC emissions from the twenty-six (26) curing presses installed under SPM 003-24944-00008 and SSM 003-24784-00008 shall not exceed 0.67 lb VOC per ton rubber cured.
- (b) Total rubber cured in the twenty-six (26) curing presses installed under SPM 003-24944-00008 and SSM 003-24784-00008 shall not exceed 25,575 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (c) VOC emissions from the Tread End Cementers shall be directed to either one of the four (4) process boilers for destruction in order to achieve a reduction in the VOC emissions by 2 tons per twelve month period.

Compliance with this condition shall render the requirements of 326 IAC 2-2, Prevention of Significant Deterioration not applicable to SSM 003-20073-00008 and SPM 003-21271-00008 as well as SSM 003-24784-00008 and SPM 003-24944-00008, respectively.

#### D.3.2 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 60, Subpart BBB.

**D.3.3 Rubber Tire Manufacturing Industry NSPS [326 IAC 12-1-1] [40 CFR 60, Subpart BBB]**

This facility is subject to 40 CFR 60, Subpart BBB, which is incorporated by reference in 326 IAC 12-1-1.

- (a) For the tread end cementing operation, the Permittee shall discharge into the atmosphere no more than 10 grams of volatile organic compounds (VOC) per tire (g/tire) cemented for each month.
- (b) For the green tire spraying operation using water-based sprays,
  - (1) the Permittee shall discharge into the atmosphere no more than 1.2 grams of VOC per tire sprayed with an inside green tire spray for each month; and
  - (2) the Permittee shall discharge into the atmosphere no more than 9.3 grams of VOC per tire sprayed with an outside green tire spray for each month.

**D.3.4 General Provisions Relating to HAPs [326 IAC 20-1][40 CFR Part 63, Subpart A] [ 40 CFR Part 63.5980, Subpart XXXX]**

The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the affected source, except when otherwise specified by 40 CFR Part 63, Subpart XXXX. The Permittee must comply with these requirements no later than July 11, 2005.

**D.3.5 National Emission Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing [40 CFR Part 63, Subpart XXXX] [40 CFR 63.5980] through [40 CFR 63.6015]**

The provisions of 40 CFR Part 63, Subpart XXXX (National Emission Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing) apply to the affected source. A copy of this rule is available on the US EPA Air Toxics Website. Pursuant to 40 CFR 63.5983(b), the Permittee must comply with these requirements no later than July 11, 2005.

**D.3.6 HAPs Emissions Limit (National Emission Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing [40 CFR Part 63, Subpart XXXX])**

Pursuant to Part 63.5984, the Permittee must comply with the following emission limitations in Subpart XXXX as follows:

	<b>Pollutant</b>	<b>Limitations</b>
<b>Option 1</b>	Selected HAPs in Table 16	1,000 grams per megagram (2 lbs/ton) of the total cements and solvents used.
	All other HAPs	10,000 grams per megagram (20 lbs/ton) of the total cements and solvents used.

**D.3.7 Particulate Matter Limitation (PM) [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the green tire spraying and the tread end cementer shall be limited by the following:

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

$$E = 4.10 P^{0.67}$$

Where:

- E = rate of emission in pounds per hour and
- P = process weight rate in tons per hour

**D.3.8 Preventive Maintenance Plan [326 IAC 2-7-5(13)]**

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control devices.

## Compliance Determination Requirements

### D.3.9 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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Within sixty day (60) days after achieving maximum production rate at which all twenty-eight (28) tire curing presses permitted under SPM 003-21271-00008 will be operated but no later than 180 days after their initial start up, the Permittee shall conduct a performance test to verify the capture system and VOC emission reduction from the Tread End Cementers controlled by either one of the four (4) process boilers utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

### D.3.10 Particulate Matter (PM)

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Pursuant to 326 IAC 6-3-2(c), the particulate for PM control shall be in operation at all times when the tread end cementing or the green tire spraying is in operation.

### D.3.11 Volatile Organic Compounds (VOC)

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The Permittee shall operate either one of the four boilers to control the Tread End Cementers at all times in order to achieve compliance with condition D.3.1.

## Compliance Monitoring Requirements

### D.3.12 Boilers Operating Temperature

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- (a) A continuous monitoring system shall be calibrated, maintained, and operated for measuring operating temperature of either one of the four boilers used to control emissions from the Tread End Cementers. For the purpose of this condition, continuous means no less than once per minute. The output of this system shall be recorded as a three (3) hour average. The Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances whenever the three (3) hour average temperature of the boiler used to control emissions from the Tread End Cementers is below 951°F or until a temperature is established during the latest stack test. A three (3) hour average temperature that is below 951°F, until a temperature is established during the latest stack test, is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.
- (b) The Permittee shall determine the three (3) hour average temperature from the most recent valid stack test that demonstrates compliance with the VOC emission reduction in Condition D.3.1, as approved by IDEM. This temperature shall be used for compliance with D.3.12(a).
- (c) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever the three (3) hour average temperature of either of the four boilers used is below the three (3) hour average temperature as observed during the compliant stack test. A three (3) hour average temperature that is below the three (3) hour average temperature as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

### D.3.13 Parametric Monitoring

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The Permittee shall record the fan amperage of the capture system used in conjunction with the tread end cementer at least once per day when the tread end cementing process is in operation. When for any one reading, the fan amperage is outside the normal operating range of 6.8 to 7.2 amps or a range established during the latest stack test, the Permittee shall take reasonable

response steps in accordance with Section C - Response to Excursions or Exceedances. A fan amperage that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.3.14 HAPs Emissions Limits (National Emission Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing [40 CFR Part 63, Subpart XXXX])

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- (a) Pursuant to Part 63.5985(b), the Permittee shall demonstrate compliance with the HAPs emissions limitation in condition D.3.6 within 30 days of the end of each month using "monthly average alternative without an add-on control device using the following methodologies:
- (1) Determine the mass percent of HAP in cements and solvents, using EPA Method 311 of appendix A of this part, an approved alternative method, or any other reasonable means for determining the HAP content of the cements and solvents. Other reasonable means include, but are not limited to: a material safety data sheet (MSDS), provided it contains appropriate information; a certified product data sheet (CPDS); or a manufacturer's hazardous air pollutant data sheet. The Permittee is not required to test the materials being used, but the EPA and IDEM may require a test using EPA Method 311 (or an approved alternative method) to confirm the reported HAP content. If the results of an analysis by EPA Method 311 are different from the HAP content determined by another means, the EPA Method 311 results will govern compliance determinations.
  - (2) Using the equation below to demonstrate initial and continuous compliance with the emission limits using the monthly average compliance alternatives described in § 63.5985(b).
    - (A) Determine the mass percent of each HAP in each cement and solvent according to the procedures in section (a)(1) of this condition.
    - (B) Use equation below to calculate the HAP emission rate for each monthly operating period when complying by using cements and solvents without an add-on control device. This calculated HAP emission rate shall not exceed the HAP emission limits in Condition D.3.6.

$$E_{\text{month}} = \frac{\sum_{i=1}^n (\text{HAP}_i \text{ TMASS}_i)(10^6)}{\sum_{i=1}^n \text{TMASS}_i}$$

Where:

- $E_{\text{month}}$  = mass of the specific HAP emitted per total mass cements and solvents from all cements and solvents used in tire production per month, grams per megagram.
- $\text{HAP}_i$  = mass percent, expressed as a decimal, of the specific HAP in cement and solvent  $i$ , as purchased, determined in accordance with paragraph (a) of this section.
- $\text{TMASS}_i$  = total mass of cement and solvent  $i$  used in the month, grams.
- $N$  = number of cements and solvents used in the month.

**D.3.15 Compliance Provisions NSPS [326 IAC 12-1-1] [40 CFR 60, Subpart BBB]**

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- (a) To determine compliance with Condition D.3.2, the Permittee shall:
- (1) Determine the density and weight fraction VOC as specified under §60.543(c)(1).
  - (2) Calculate the total mass of VOC used at the affected facility for the month (M0) as specified under §60.543(c)(2).
  - (3) Determine the total number of tires cemented at the affected facility for the month (T0) by the following procedure:
    - (A) For a tread end cementing operation, T0 equals the number of tread or combined tread/sidewall components that receive an application of tread end cement for the month.
  - (4) Calculate the mass of VOC used per tire cemented at the affected facility for the month (G):  
 $G = M0 / T0$
  - (5) Calculate the mass of VOC emitted per tire cemented at the affected facility for the month (N):  
 $N = G$
- (b) To determine compliance with Condition D.3.3(b), the Permittee shall submit formulation data or the results of Method 24 analysis to verify the VOC content of each green tire spray material, provided the spraying formulation has not changed during the previous 12 months. If the spray material changes, formulation data or Method 24 analysis of the new spray shall be conducted to determine the VOC content of the spray and reported within 30 days as required under §60.546(j).
- (c) In determining compliance of each tread end cementing operation, the Permittee shall include only those tires defined under §60.541(a) when determining T0 and B0.

**Record Keeping and Reporting Requirements[326 IAC 2-7-5(3)] [326 IAC 2-7-19]  
[40 CFR 60, Subpart BBB]**

**D. 3.16 Record Keeping Requirements**

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- (a) To document compliance with Conditions D.3.3(a), the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.3.3(a).
- (1) The amount of VOC content of the cement used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
  - (2) A log of the dates of use;
  - (3) The cleanup solvent usage for each year;
  - (4) The total VOC usage for each month; and
  - (5) The weight of VOC emitted for each compliance period.

- (b) To document compliance with Condition D.3.1, the Permittee shall maintain records in accordance with (1) and (2) below. Records maintained for (1) and (2) shall be taken daily and shall be complete and sufficient to establish compliance with the VOC emissions limit in Condition D.3.1.
  - (1) The continuous temperature records (reduced to a three-hour average basis) from any of the four boilers that controls the VOC emissions from the Tread End. Cementers and the three (3) hour average temperature used to demonstrate compliance during the most recent compliant stack test.
  - (2) Daily record of the duct pressure, fan amperage, or air flow.
- (c) To document compliance with Condition D.3.6, as required by 40 CFR Part 63, Subpart XXXX, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the HAP emissions limits in Condition D.3.6.
  - (1) A record of Method 311, or approved alternative method, test results, indicating the mass percent of each HAP for each cement and solvent, as purchased.
  - (2) The mass of each cement and solvent used each monthly operating period.
  - (3) All data and calculations used to determine the monthly average mass percent for each HAP for each monthly operating period.
  - (4) Monthly averages of emissions in grams per megagram (gr/Mg) or pounds per ton (lbs/ton).
  - (5) Record each instance, based on monthly average in which the emission limit was not met.
- (d) To document compliance with D.3.15(b), the Permittee shall maintain an MSDS record or the results of Method 24 analysis conducted to verify the VOC content of the spray on site.
- (e) To document compliance with D.3.1, the Permittee shall maintain a record of the total tons of rubber cured on the twenty-six (26) curing presses installed under SPM 003-24944-00008 and SSM 003-24784-00008.
- (f) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.3.17 Reporting Requirements

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- (a) A semi-annual summary of the information to document compliance with Condition D.3.3 concerning tread end cementing shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) months being reported.
- (b) An annual summary of the information used to document compliance with Condition D.3.12(b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, within thirty (30) days after the end of the year being reported.
- (c) Pursuant to Part 63.6004, the Permittee must also report each instance, based on monthly average in which the emission limit was not met. This report shall be submitted semiannual as required in Part 63.6010(e) to the address listed in Section C - General

Reporting Requirements, of this permit within thirty (30) days after the end of the period being reported.

- (d) A quarterly summary of the information to document compliance with Condition D.3.1(c) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

## SECTION D.4

## FACILITY OPERATION CONDITIONS

### Emissions Unit Description:

Insignificant Activity

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.

(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 2-7-5(1)]

#### D.4.1 Degreaser [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator of the cold cleaning facility 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.

### Compliance Determination Requirement

#### D.4.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test these facilities by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if a facility is in compliance. If testing is required by IDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
PART 70 OPERATING PERMIT  
CERTIFICATION**

Source Name: BF Goodrich Tire Manufacturing  
Source Address: 18906 US Highway 24 East, Woodburn, Indiana 46797  
Mailing Address: P.O. Box 277, Woodburn, Indiana 46797  
Part 70 Permit No.: T003-5974-00008

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

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

**PART 70 OPERATING PERMIT  
EMERGENCY OCCURRENCE REPORT**

Source Name: BF Goodrich Tire Manufacturing  
Source Address: 18906 US Highway 24 East, Woodburn, Indiana 46797  
Mailing Address: P.O. Box 277, Woodburn, Indiana 46797  
Part 70 Permit No.: T003-5974-00008

**This form consists of 2 pages**

**Page 1 of 2**

1. This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
  - The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.

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

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

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

**Page 2 of 2**

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

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: BF Goodrich Tire Manufacturing  
Source Address: 18906 US Highway 24 East, Woodburn, Indiana 46797  
Mailing Address: P.O. Box 277, Woodburn, Indiana 46797  
Part 70 Permit No.: T003-5974-00008  
Facility: Tread end cementing process  
Parameter: VOC Emissions  
Limit: Less Than 10 g VOC/tire

QUARTER : \_\_\_\_\_ YEAR: \_\_\_\_\_

Month	Column 1	Column 2
	Gram VOC / Tire	No. of Tires / Hour
Month 1		
Month 2		
Month 3		

- No deviation occurred in this quarter.
- Deviation/s occurred in this quarter.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: BF Goodrich Tire Manufacturing  
Source Address: 18906 US Highway 24 East, Woodburn, Indiana 46797  
Mailing Address: P.O. Box 277, Woodburn, Indiana 46797  
Part 70 Permit No.: T003-5974-00008  
Facility: Tire Curing  
Parameter: Total Tons of Tires Cured  
(Presses Installed By SSM 003-24944-00008 and SPM 003-24944-00008)  
Limit: Less than 29,397 tons per 12 consecutive month period

QUARTER : \_\_\_\_\_ YEAR: \_\_\_\_\_

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

No deviation occurred in this quarter.  
 Deviation/s occurred in this quarter.  
Deviation has been reported on: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT**

**QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: BF Goodrich Tire Manufacturing  
Source Address: 18906 US Highway 24 East, Woodburn, Indiana 46797  
Mailing Address: P.O. Box 277, Woodburn, Indiana 46797  
Part 70 Permit No.: T003-5974-00008

Months: \_\_\_\_\_ to \_\_\_\_\_ Year: \_\_\_\_\_

Page 1 of 2

<p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement (specify permit condition #)</b>	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

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

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**Technical Support Document (TSD) for a  
Part 70 Operating Permit  
Significant Source Modification and a Significant Permit Modification**

**Source Description and Location**

<b>Source Name:</b>	BF Goodrich Tire Manufacturing
<b>Source Location:</b>	18906 Highway 24 East Woodburn, Indiana 46797
<b>County:</b>	Allen
<b>SIC Code:</b>	3011
<b>Operation Permit No.:</b>	T003-5974-00008
<b>Operation Permit Issuance Date:</b>	October 16, 2000
<b>Significant Source Modification No.:</b>	003-24784-00008
<b>Significant Permit Modification No.:</b>	003-24944-00008
<b>Permit Reviewer:</b>	David J. Matousek

**Existing Approvals**

The source was issued Part 70 Operating Permit No. T003-5974-00008 on October 16, 2000. The Permittee owns and operates a rubber tire manufacturing facility. The source has since received the following approvals:

<b>Permit Type</b>	<b>Permit Number</b>	<b>Issuance Date</b>
Part 70 Operating Permit	T003-5974-00008	October 16, 2000
First Administrative Amendment	003-13780-00008	February 8, 2001
Second Administrative Amendment	003-14114-00008	April 11, 2001
First Significant Permit Modification	003-21271-00008	September 6, 2005
Third Administrative Amendment	003-21999-00008	December 16, 2005
Fourth Administrative Amendment	003-24257-00008	March 20, 2007

**County Attainment Status**

The source is located in Allen County.

<b>Pollutant</b>	<b>Status</b>
PM	Attainment
PM <sub>10</sub>	Attainment
SO <sub>2</sub>	Attainment
NO <sub>x</sub>	Attainment
8-hour Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO<sub>x</sub>) 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<sub>x</sub> emissions are considered when evaluating the rule applicability relating to ozone. VOC and NO<sub>x</sub> emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

- (b) Allen County has been classified as attainment for PM<sub>2.5</sub>. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM<sub>2.5</sub> emissions. Therefore, until the U.S.EPA adopts specific provisions for PSD review for PM<sub>2.5</sub> emissions, it has directed states to regulate PM<sub>10</sub> emissions as a surrogate for PM<sub>2.5</sub> emissions.
- (c) Allen County has been classified as attainment or unclassifiable for all criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (d) Fugitive Emissions  
 Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

<b>Source Status</b>
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The table below summarizes the potential to emit of the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

Pollutant	Emissions (ton/yr)
PM	> 250
PM <sub>10</sub>	> 250
SO <sub>2</sub>	> 250
VOC	> 250
CO	< 100
NO <sub>x</sub>	> 250

- (a) This existing source is a major stationary source, under PSD (326 IAC 2-2), because a regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).
- (b) This existing source is not a major stationary source under Emission Offset (326 IAC 2-3) because no nonattainment regulated pollutant is emitted at a rate of 100 tons per year or more.
- (c) These emissions are based upon emission calculations submitted by the source and reviewed by IDEM, Office of Air Quality.

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

HAPs	Potential To Emit (ton/yr)
Single HAP	> 10 TPY
Total HAPs	> 25

This existing source is a major source of HAPs, as defined in 40 CFR 63.41, because HAP emissions are greater than ten (10) tons per year for a single HAP and greater than twenty-five (25) tons per year for a combination of HAPs. Therefore, this source is a major source under Section 112 of the Clean Air Act (CAA).

### Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2005 OAQ emission data.

Pollutant	Actual Emissions (ton/yr)
PM	26
PM <sub>10</sub>	26
SO <sub>2</sub>	172
VOC	122
CO	15
NO <sub>x</sub>	42
HAP	(not reported)
Total HAPs	(not reported)

### Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a modification application, submitted by BF Goodrich Tire Manufacturing on May 16, 2007. BF Goodrich Tire Manufacturing has applied to construct and operate six (6) 43" curing presses and twenty (20) 40.5" curing presses. In addition, the source will replace seven (7) existing Tire Uniformity Optimizer (TUO) units with seven (7) more advanced models with identical capacity. The addition of the additional curing presses will increase the throughput capacity of several emission units as follows:

- (a) The throughput of the carbon black unloading area, identified as EU-01, will increase from 16,533 pounds per hour to 18,916 pounds per hour.
- (b) The throughput of the banbury mixing area, identified as EU-02, will increase from 41,057 pounds per hour to 46,974 pounds per hour.
- (c) The throughput of the component preparation area, identified as EU-03, will increase from 40,064 pounds per hour to 49,420 pounds per hour for milling operations and 48,378 pounds per hour for calendaring and extruding.
- (d) The throughput of the tire building area will increase from 41,332 pounds per hour to 47,290 pounds per hour.
- (e) The throughput of the tire curing process, identified as EU-05, will increase from 41,332 pounds per hour to 47,290 pounds per hour.
- (f) The throughput of the white side wall (WSW) grinding and TUO module area, identified as EU-06, will reduce from 42,757 pounds per hour to 35,467 pounds per hour for WSW grinding and 7,093 pounds per hour for TUO operations for a total capacity of 42,560 pounds per hour.

This stationary source will consist of the following emission units and pollution control devices, as listed in Section A.2 of the Part 70 Operating Permit, after the proposed modification:

### Emission Units and Pollution Control Equipment Summary

- (a) One (1) carbon black unloading area, identified as EU-01, constructed in 1961 and modified in 1996, with a maximum capacity of 18,916 pounds per hour, using four (4) baghouses for control and exhausting at stacks 356 A–D.

- (b) One (1) banbury mixing area, identified as EU-02, consisting of three (3) mills operating in series, constructed in 1961 and modified in 1968, with a maximum capacity of 46,974 pounds of rubber, carbon black, and chemicals per hour, using three (3) baghouses for control and exhausting at stacks 200, 201 to 203, 208, 210, 211, 216 and 286.
- (c) Four (4) natural gas or No. 2/No. 6 fuel oil or fuel oil blend fired boilers, identified as #1, #2, #3 and #5, boilers #1, #2 and #3 were constructed in 1961, boiler #5 was constructed in 1974, with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MMBtu/hr), respectively, using no control, boiler #1 and #2 exhaust at stack 109, boiler #3 exhausts at stack 114 and boiler #5 exhausts at stack 257.
- (d) One (1) component preparation area, which includes milling, extruding, and calendaring, identified as EU-03, constructed prior to 1974 with one mill constructed in 2007, with a maximum capacity of 49,420 pounds per hour for milling and 48,378 pounds per hour for calendaring and extruding, using no control, exhausting at stacks 173, 174, 186, 254, 255, 318, 324 to 330.
- (e) One (1) tire building area, constructed in 1961, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 301-309, 312, and 313.
- (f) One (1) tire curing process, identified as EU-05, with 178 presses constructed in 1961 and modified in 2004 and 26 presses approved for construction in 2007, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 52-58, 61-66, 69, 71, 73, 75, 77, 79, 80, and 83-88.
- (g) One (1) white side wall (WSW) grinding and tire uniformity optimizer (TUO) module area, constructed in 1961 and modified in 2003, with a maximum capacity of 35,467 pounds per hour for WSW grinding and 7,093 pounds per hour for TUO operations, using seventeen (17) cyclone dust collectors as control, exhausting to stacks 258-261, and 265-277.
- (h) One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum capacity of 2,081 tires per hour or 47,290 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four (4) process boilers to control VOC emissions.
- (i) Miscellaneous solvent usage.

This stationary source will consist of the following specifically regulated insignificant activities, as listed in Section A.3 of the Part 70 Operating Permit, after the proposed modification:

#### **Specifically Regulated Insignificant Activities**

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.
- (b) One (1) green tire spray operation, with a maximum capacity of 41,332 pound per hour, using particulate baffle filters, exhausting at stacks 130, 132, 145, 262, 263, 264, 279 and 280.

<b>Enforcement Issues</b>
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There are no pending enforcement actions related to this application.

**Emission Calculations**

This source submitted detailed emission calculations under a confidentiality request. A summary of the calculations is attached as Appendix A.

**Permit Level Determination – Part 70**

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency.”

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. The following table reflects the PTE before controls of the proposed modification. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit. The potential to emit consists of the emissions from all new units. The potential to emit of the TUO units was estimated by the source. The estimate is based on applying an average processing time in a TUO and extending this number over seven units and 8,760 hours. This number is an estimate of the maximum capacity of the proposed modification. The curing press operation bottlenecks the TUO operation. The bottlenecked PTE of the TUO operation is shown in Permit Level Determination - PSD and Emission Offset section of this Technical Support Document.

<b>TOTAL PTE BEFORE CONTROLS DUE TO THE MODIFICATION</b>	
<b>Pollutant</b>	<b>PTE New Emission Units (ton/yr)</b>
PM	155.81
PM <sub>10</sub>	155.81
SO <sub>2</sub>	0.00
VOC	11.10
CO	0.00
NO <sub>x</sub>	0.00
Total HAPs	3.99

This source modification is subject to 326 IAC 2-7-10.5(f)(4)(A), because the modification has a potential to emit greater than or equal to twenty-five (25) tons per year for PM and PM10.

Additionally, the source modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d)(1), because the modification does not qualify as a minor permit modification or an administrative amendment. The modification includes a significant change in monitoring and reporting requirements. In addition, the modification requires a case-by-case determination of an emission limit.

**Permit Level Determination – PSD and Emission Offset**

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 significant source and permit modification, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Emissions Associated with the Project								
Emission Unit	Process Description	PM (ton/yr)	PM10 (ton/yr)	SO2 (ton/yr)	VOC (ton/yr)	CO (ton/yr)	NOx (ton/yr)	Total HAPs (ton/yr)
<b>PTE New Units</b>								
06	Seven (7) Replacement TUO Units	0.17	0.17	0.00	0.27	0.00	0.00	0.02
05	Twenty-six (26) Tire Curing	0.00	0.00	0.00	8.62	0.00	0.00	3.81
---	Total PTE - New Units	0.17	0.17	0.00	8.89	0.00	0.00	3.83
<b>Affected Units*</b>								
01	Carbon Black Unloading - Baseline	5.07	5.07	0.00	0.00	0.00	0.00	0.00
01	Carbon Black Unloading - Projected	6.66	6.66	0.00	0.00	0.00	0.00	0.00
01	Net Change	1.59	1.59	0.00	0.00	0.00	0.00	0.00
02	Banbury Mixing Area - Baseline	2.08	2.08	0.00	17.53	0.00	0.00	4.82
02	Banbury Mixing Area - Projected	2.73	2.73	0.00	22.99	0.00	0.00	6.32
02	Net Change	0.65	0.65	0.00	5.46	0.00	0.00	1.50
03	Component Prep - Milling - Baseline	0.00	0.00	0.00	8.99	0.00	0.00	1.64
03	Component Prep - Milling - Projected	0.00	0.00	0.00	12.01	0.00	0.00	2.19
03	Net Change	0.00	0.00	0.00	3.02	0.00	0.00	0.55
04	Component Prep - Calendering - Baseline	0.00	0.00	0.00	2.99	0.00	0.00	1.10
04	Component Prep - Calendering - Projected	0.00	0.00	0.00	3.92	0.00	0.00	1.44
04	Net Change	0.00	0.00	0.00	0.93	0.00	0.00	0.34
05	Component Prep - Extruding - Baseline	0.00	0.00	0.00	0.72	0.00	0.00	2.06
05	Component Prep - Extruding - Projected	0.00	0.00	0.00	0.94	0.00	0.00	2.70
05	Net Change	0.00	0.00	0.00	0.22	0.00	0.00	0.64
06	WSW Grinding - Baseline	2.58	1.18	0.00	4.44	0.00	0.00	0.30
06	WSW Grinding - Projected	3.10	1.70	0.00	5.27	0.00	0.00	0.36
06	Net Change	0.52	0.52	0.00	0.83	0.00	0.00	0.06
06	TUO Module Area Baseline	0.26	0.19	0.00	0.42	0.00	0.00	0.03
06	TUO Module Area Projected	0.31	0.24	0.00	0.50	0.00	0.00	0.04
06	Net Change	0.05	0.05	0.00	0.08	0.00	0.00	0.01
03	Component Prep - Marking Ink - Baseline	0.00	0.00	0.00	1.52	0.00	0.00	0.47
03	Component Prep - Marking Ink - Projected	0.00	0.00	0.00	2.25	0.00	0.00	0.52
03	Net Change	0.00	0.00	0.00	0.73	0.00	0.00	0.05
04	Tread End Cementing - Baseline	0.00	0.00	0.00	65.77	0.00	0.00	0.00
04	Tread End Cementing - Projected	0.00	0.00	0.00	79.88	0.00	0.00	0.00
04	Net Change	0.00	0.00	0.00	14.11	0.00	0.00	0.00
Insignificant	Green Tire Spray - Baseline	1.70	1.70	0.00	0.20	0.00	0.00	0.00
Insignificant	Green Tire Spray - Projected	2.16	2.16	0.00	0.71	0.00	0.00	0.00
Insignificant	Net Change	0.46	0.46	0.00	0.51	0.00	0.00	0.00
Insignificant	Protectant Spray - Baseline	2.11	2.11	0.00	0.35	0.00	0.00	0.00
Insignificant	Protectant Spray - Projected	2.54	2.54	0.00	0.43	0.00	0.00	0.00
Insignificant	Net Change	0.43	0.43	0.00	0.08	0.00	0.00	0.00
#1-#3 & #5	Boilers - Baseline	17.45	15.35	210.40	0.95	14.65	61.20	0.00
#1-#3 & #5	Boilers - Projected	20.69	18.19	249.51	1.12	17.37	72.58	0.00
#1-#3 & #5	Net Change	3.24	2.84	39.11	0.17	2.72	11.38	0.00
<b>Prevention of Significant Deterioration (PSD) Applicability</b>								
PTE New Units		0.17	0.17	0.00	8.89	0.00	0.00	3.83
Affected Units		6.94	6.54	39.11	26.14	2.72	11.38	3.15
Totals for Project		7.11	6.71	39.11	35.03	2.72	11.38	6.98
Significant Levels		25.00	15.00	40.00	40.00	100.00	40.00	---

\* The baseline period for the ATPA analysis was provided by the Permittee in accordance with 326 IAC 2-2-1(e). The baseline period is from January 1, 2005 to December 31, 2006.

Production in this facility is "bottlenecked" by the throughput of the curing press operation. By adding additional curing presses, several emission units will show an increase in utilization and; therefore, an increase in annual emissions. These affected units will see an increase in the potential to emit of a regulated pollutant due to a change in there operations. The changes include debottlenecking, increasing the incentive to utilize a unit as well as decreasing downtime.

The Permittee has provided information as part of the application for this approval based on the Actual to Projected Actual test in 326 IAC 2-2-2. In addition, the Permittee has provided potential to emit calculations for the addition of twenty-six (26) curing presses. Based on the increased production of the curing presses, the following emission units are considered affected units:

- 1) Carbon Black Unloading (EU-01)
- 2) Banbury Mixing Area (EU-02)
- 3) Component Prep - Milling (EU-03)
- 4) Component Prep - Calendering (EU-04)
- 5) Component Prep - Extruding (EU-05)
- 6) WSW Grinding (EU-06)
- 7) TUO Module Area (Debottlenecking) (EU-06)
- 8) Component Prep - Marking Ink (EU-06)
- 9) Tread End Cementing (EU-04)
- 10) Green Tire Sray (Insignificant Activity)
- 11) Protectant Spray (Insignificant Activity)

This modification at a major stationary source will not be major for Prevention of Significant Deterioration under 326 IAC 2-2-1 based on the following:

- 1) The Permittee provided information as part of the application for this approval that based on Actual to Projected Actual test in 326 IAC 2-2-2, this modification at a major stationary source will not be major for Prevention of Significant Deterioration under 326 IAC 2-2-1. IDEM has reviewed this information and will not be making any determination for these emission units as part of this approval. The applicant will be required to keep records and report in accordance with Source Obligation in 326 IAC 2-2-8.
- 2) The Permittee provided information as part of the application for this approval to document the potential to emit due to the addition of twenty-six (26) curing presses. The emission calculations are based on the "worst case tire" and 29,397 tons of rubber cured per year. The sum of the potential to emit of new units and the net change of affected units is below the PSD significant levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.
- 3) To ensure the modification is minor for PSD, the source has accepted a limit on the VOC emissions from the new curing presses. The twenty-six (26) new curing presses will be limited to 0.67 lb VOC/ton rubber cured. With this limit, the sum of the potential to emit from new units and the net change in affected units will not exceed PSD significant levels.

<b>Federal Rule Applicability Determination</b>
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There are no new federal rules applicable due to this modification.

### State Rule Applicability Determination

The following state rules are applicable to the source due to the modification:

#### **326 IAC 2-2 and 2-3 (PSD and Emission Offset)**

326 IAC 2-3 (Emission Offset) does not apply to this modification since Allen County is in attainment for all regulated pollutants. Therefore, 326 IAC 2-3 (Emission Offset) does not apply to this modification.

326 IAC 2-2 (Prevention of Significant Deterioration) does not apply to this modification since the sum of the potential to emit of new units, the actual to future allowables, and the ATPA of the boilers is below PSD significant levels. The Permittee has taken an enforceable limit on twenty-six (26) additional curing presses to ensure the actual to future allowables will not exceed the levels proposed in the application.

#### **326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))**

The operation of this facility will emit greater than ten (10) tons per year for a single HAP and greater than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 would apply to these facilities; however, pursuant to 326 IAC 2-4.1-1(b)(2), because this facility is specifically regulated by NESHAP 40 CFR 63, Subpart XXXX, which was issued pursuant to Section 112(d) of the CAA, this facility is exempt from the requirements of 326 IAC 2-4.1.

#### **326 IAC 2-6 (Emission Reporting)**

Since this source is located in Allen County, and has a potential to emit VOC and PM10 greater than or equal to two hundred and fifty (250) tons per year, an emission statement covering the previous calendar year must be submitted by July 1 of each year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

#### **326 IAC 8-1-6 (New Facilities; General Reduction Requirements)**

This rule applies to new facilities as of January 1, 1980, which have potential emissions of twenty-five (25) tons per year or more of Volatile Organic Compounds (VOCs), located anywhere in the state, which are not otherwise regulated by other provisions of 326 IAC 8, 326 IAC 20-48 (Emission Standards for Hazardous Air Pollutants for Boat Manufacturing) or 326 IAC 20-56 (Reinforced Plastic Composites Production). A new facility is defined by 326 IAC 1-2-27 as, "Any one (1) structure, piece of equipment, installation or operation which emits or has the potential to emit any air contaminant. Single pieces of equipment or installations with multiple emission points shall be considered a facility for the purpose of this rule."

The combined potential to emit due to the installation of the additional curing presses is in excess of 25 tons per year; however, the individual facilities potential to emit is less than twenty-five (25) tons per year each. Therefore, 326 IAC 8-1-6 does not apply to these facilities.

#### **326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)**

Pursuant to 326 IAC 6-3-2, the particulate matter (PM), from the processes listed below, shall not exceed the pound per hour limit listed in the table below when operating at the indicated process weight rate in tons per hour. The pounds per hour limitations were calculated using the following equation:

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

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and  
P = process weight rate in tons per hour.

and

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

$$E = 55.0 P^{0.11} - 40 \quad \text{where } E = \text{rate of emission in pounds per hour; and } P = \text{process weight rate in tons per hour.}$$

The baghouse and centrifugal separators shall be in operation at all times these processes are in operation, in order to comply with these limits.

Process	Process Weight Rate (lb/hr)	Process Weight Rate (ton/hr)	PM Limit (lb/hr)	Equation Used
Carbon Black Unloading (EU-01)	18,916	9.46	18.48	(a)
Banbury Mixing Area (EU-02)	46,974	23.49	33.98	(a)
WSW Grinding (EU-06)	35,467	17.73	28.15	(a)
TUO Module Area (EU-06)	7,093	3.55	9.58	(a)
Green Tire Spraying	47,290	23.65	34.14	(a)
Protectant Spray	41,497	20.75	31.27	(a)
Tread End Cementing (EU-04)	106,193	53.10	45.14	(b)

**326 IAC 8-1-5 (Petition for Site-Specific Reasonably Available Control Technology (RACT) Plan)**

The tread end cementing operation shall comply with a site-specific RACT, which has been determined in Part 70 operating permit number T003-5974-00008 to comply with the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.540, Subpart BBB) for the rubber tire manufacturing industry.

**326 IAC 8-5-4 (Pneumatic Rubber Tire Manufacturing)**

The requirements of 326 IAC 8-5-4 do not apply to this source because it is located in Allen County and was not constructed between January 1, 1980 and January 20, 1983.

**Compliance Determination and Monitoring Requirements**

There are no new compliance determinations or monitoring requirements required as a result of this modification.

**Proposed Changes**

The changes listed below have been made to Part 70 Operating Permit No. T003-5974-00008. Deleted language appears as ~~strike throughs~~ and new language appears in **bold**:

- (a) The table of contents has been updated to reflect all of the changes shown in this section.
- (b) Section A.1, General Information, of the permit has been modified to fix a grammatical error in the source description and to show the current county attainment status. Allen County is in attainment for the eight (8) hour ozone standard.
- (c) Section A.2, Emission Units and Pollution Control Equipment Summary, has been updated to reflect the additional curing presses and the resulting increase in throughput capacity for the facility described in the Description of Proposed Modification section of this Technical Support Document (TSD).

- (d) All references to IDEM, OAQ's mailing address have been revised as follows:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue, ~~P.O. Box 6015~~  
**MC61-53 IGCN 1003**  
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management  
Modeling Section, Office of Air Quality  
100 North Senate Avenue, ~~P.O. Box 6015~~  
**MC61-50 IGCN 1003**  
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue, ~~P.O. Box 6015~~  
**MC61-52 IGCN 1003**  
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue, ~~P.O. Box 6015~~  
**MC61-53 IGCN 1003**  
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue, ~~P.O. Box 6015~~  
**MC61-53 IGCN 1003**  
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management  
Air Compliance Section, Office of Air Quality  
100 North Senate Avenue, ~~P.O. Box 6015~~  
**MC61-53 IGCN 1003**  
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

- (e) To clarify the permit term and the term of the conditions, original Conditions B.3 – Permit Term and B.18 – Permit Renewal have been modified. Additionally, new Section B conditions, B.4 – Term of Conditions and B.14 - Prior Permits Superseded have been added.
- (f) IDEM has rearranged the permit conditions such that original Condition B.5 – Termination of Right to Operate is now Condition B.15.
- (g) Instructions for the original Condition B.11 – Annual Compliance Certification (ACC) have been revised. The emission statement reporting requirements changed. The submission date for the ACC will continue to depend on which county the source is located.
- (h) IDEM has determined that the Permittee is not required to keep records of all preventive maintenance. However, where the Permittee seeks to demonstrate that an emergency has occurred, the Permittee must provide, upon request records of preventive maintenance in order to establish that the lack of proper maintenance did not cause or contribute to the deviation. Therefore, IDEM has deleted paragraph (b) of original Condition B.12 – Preventive Maintenance Plan and has amended original Condition B.13 – Emergency Provisions.

- (i) For clarification purposes, Condition B.22 – Operational Flexibility has been revised.
- (j) Indiana has incorporated the credible evidence provision in 326 IAC 1-1-6. This rule became effective on March 16, 2005; therefore, the condition reflecting this rule will be incorporated into the permit as condition B.26 - Credible Evidence.
- (k) 326 IAC 6-1 has been recodified. The rule provisions were incorporated into two articles, 326 IAC 6.5 and 326 IAC 6.8. All non-Lake County PM limitations, formerly listed in 326 IAC 6-1, have been moved to 326 IAC 6.5 and all Lake County PM limitations, formerly listed in 326 IAC 6-1, have been moved to 326 IAC 6.8. The new articles were published in September 1, 2005 Indiana Register and 326 IAC 6-1 has been repealed. Therefore, original Conditions C.1 – Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour which referenced 326 IAC 6-1 have been have modified to reflect these changes.
- (l) In order to avoid duplication of requirements which may be included in D sections, Condition C.6 – Operation of Equipment has been removed from the permit.
- (m) IDEM realizes that the specifications of original Condition C.12 – Pressure Gauge Specifications, can only be practically applied to analog units, and has therefore clarified the condition to state that the condition only applies to analog units. Upon further review, IDEM has also determined that the accuracy of the instruments is not nearly as important as whether the instrument has a range that is appropriate for the normal expected reading of the parameter. Therefore, the language in original Condition C.12 has been revised.
- (n) The Permittee submitted an Emergency Reduction Plan on January 8, 2001. Therefore, paragraphs (b), (c), and (d) of original Condition C.13 – Emergency Reduction Plans are not needed and have been removed from the permit.
- (o) IDEM has reconsidered the requirement to develop and follow a Compliance Monitoring Plan (original Condition C.15). The Permittee will still be required to take reasonable response steps when a compliance monitoring parameter is determined to be out of range or abnormal. Replacing the requirement to develop and follow a Compliance Response Plan with a requirement to take reasonable response steps will ensure that the control equipment is returned to proper operation as soon as practicable, while still allowing the Permittee the flexibility to respond to situations that were not anticipated. Therefore, original Condition C.15 for the “Compliance Monitoring Plan” has been replaced by Condition C.15 for the “Response to Excursions or Exceedances”. The Section D conditions that refer to this condition have been revised to reflect the new condition title (Refer to the changes in the section of Proposed Changes).
- (p) Revisions were made to the Emission Statement condition (original Condition C.17) to incorporate the revisions to 326 IAC 2-6 that became effective March 27, 2004. The revised rule was published in the April 1, 2004 Indiana Register.
- (q) The clean unit and pollution control project provisions of the U.S. EPA's New Source Review Reform Rules were vacated on June 24, 2005 by a United States Court of Appeals for the District of Columbia Circuit decision. This decision also remanded the “reasonable possibility” standard back to U.S. EPA. The OAQ plans to remove the vacated provisions from 326 IAC 2 at the next state rulemaking opportunity. Paragraph (c) of Condition C.19, Record Keeping Requirements, has been revised to remove references to "reasonable possibility" and the clean unit and pollution control project provisions. Revisions have been made to the Section C – General Recordkeeping and Section C – General Reporting Requirements (original Conditions C.19 and C.20) to reflect NSR (New Source Review) reform provisions at the major sources.
- (r) With regards to record keeping requirements for visible emission notations (and other daily monitoring), the intent is that the Permittee needs to make a record of some sort every day. So if they do the VE observation, then they write down normal or abnormal.

Additionally, if they don't do the VE observation, they still need to make some sort of record that day as to why they didn't, such as the unit was not operating, or the unit was venting indoors that day, etc. In order to attempt to clarify the requirements, the recordkeeping requirements relating the VEs and other daily parametric monitoring have been revised.

- (s) IDEM has determined that it is the Permittee's responsibility to include routine control device inspection requirements in the applicable preventive maintenance plan. Since the Permittee is in the best position to determine the appropriate frequency of control device inspections and the details regarding which components of the control device should be inspected, the conditions requiring control device inspections have been removed from the permit. In addition, the requirement to keep records of the inspections has been removed.
- (t) Upon further review, IDEM has determined that once per day visible emission notations and once per day monitoring of the control device is generally sufficient to ensure proper operation of the emission units and control devices. Therefore, the monitoring frequency has been changed from once per shift to once per day in the revised permit.
- (u) Section A and Section D changes are shown and discussed after the Section B and Section C changes. Section B and Section C changes referenced above are shown below:

## **SECTION B — GENERAL CONDITIONS**

### **B.1 — Permit No Defense [IC 13]**

- (a) ~~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 Part 70 permit under 326 IAC 2-7.~~
- (b) ~~This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."~~

### **B.2 — Definitions [326 IAC 2-7-1]**

~~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, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.~~

### **B.3 — Permit Term [326 IAC 2-7-5(2)]**

~~This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.~~

### **B.4 — Enforceability [326 IAC 2-7-7(a)]**

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

### **B.5 — Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(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 nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).~~

~~B.6 — Severability [326 IAC 2-7-5(5)]~~

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

~~B.7 — Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]~~

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

~~B.8 — Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]~~

~~(a) — The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:~~

~~Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~(b) — 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.~~

~~(c) — Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAQ, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAQ, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.~~

~~B.9 — Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]~~

~~(a) — The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:~~

- ~~(1) — Enforcement action;~~
- ~~(2) — Permit termination, revocation and reissuance, or modification; or~~
- ~~(3) — Denial of a permit renewal application.~~

~~(b) — It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.~~

~~B.10 — Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]~~

~~(a) — Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, 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, on the attached Certification Form, with each submittal.~~

~~(c) — A responsible official is defined at 326 IAC 2-7-1(34).~~

~~B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]~~

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- ~~(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:~~

~~Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~and~~

~~United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590~~

- ~~(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.~~

- ~~(c) The annual compliance certification report shall include the following:~~

- ~~(1) The identification of each term or condition of this permit that is the basis of the certification;~~
- ~~(2) The compliance status;~~
- ~~(3) Whether compliance was continuous or intermittent;~~
- ~~(4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);~~
- ~~(5) Any insignificant activity that has been added without a permit revision; and~~
- ~~(6) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.~~

~~The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]  
[326 IAC 1-6-3]~~

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- ~~(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, 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;~~
- ~~(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.~~

~~If due to circumstances beyond its control, the PMP 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 Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

- ~~(b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.~~
- ~~(c) PMPs shall be submitted to IDEM, OAQ, upon request and shall be subject to review and approval by IDEM, OAQ.~~

~~B.13 Emergency Provisions [326 IAC 2-7-16]~~

- ~~(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.~~
- ~~(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
  - ~~(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;~~
  - ~~(2) The permitted facility was at the time being properly operated;~~
  - ~~(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;~~
  - ~~(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;~~~~

~~Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,  
Compliance Section), or  
Telephone Number: 317-233-0178 (ask for Compliance Section)  
Facsimile Number: 317-233-6865~~

- ~~(5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:~~

~~Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

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

~~The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:~~

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

~~The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

- ~~(6) — The Permittee immediately took all reasonable steps to correct the emergency.~~
- ~~(c) — In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.~~
- ~~(d) — This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.~~
- ~~(e) — IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(10) be revised in response to an emergency.~~
- ~~(f) — Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.~~
- ~~(g) — Operations may continue during an emergency only if the following conditions are met:
  - ~~(1) — If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.~~
  - ~~(2) — If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
    - ~~(A) — The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and~~
    - ~~(B) — Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.~~~~~~

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

~~B.14 — Permit Shield [326 IAC 2-7-15]~~

- 
- ~~(a) — This condition provides a permit shield as addressed in 326 IAC 2-7-15.~~
  - ~~(b) — This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:
    - ~~(1) — The applicable requirements are included and specifically identified in this permit;~~~~

~~or~~

- ~~(2) — The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.~~
- ~~(c) — If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.~~
- ~~(d) — No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.~~
- ~~(e) — Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:~~
- ~~(1) — The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;~~
- ~~(2) — The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;~~
- ~~(3) — The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and~~
- ~~(4) — The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.~~
- ~~(f) — This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).~~
- ~~(g) — This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]~~
- ~~(h) — This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(7)]~~

~~B.15 — Multiple Exceedances [326 IAC 2-7-5(1)(E)]~~

~~Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.~~

~~B.16 — Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]~~

- ~~(a) — Deviations from any permit requirements (for emergencies see Section B — Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:~~

~~Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~within ten (10) calendar days from the date of the discovery of the deviation.~~

- ~~(b) — A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:~~

- ~~(1) — An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or~~
- ~~(2) — An emergency as defined in 326 IAC 2-7-1(12); or~~
- ~~(3) — Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.~~
- ~~(4) — Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.~~

~~A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.~~

- ~~(c) — Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).~~
- ~~(d) — Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.~~

~~B.17 — Permit Modification, Reopening, Revocation and Reissuance, or Termination  
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]~~

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- ~~(a) — This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]~~
- ~~(b) — This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:
  - ~~(1) — That this permit contains a material mistake.~~
  - ~~(2) — That inaccurate statements were made in establishing the emissions standards or other terms or conditions.~~
  - ~~(3) — That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]~~~~
- ~~(c) — Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]~~
- ~~(d) — The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]~~

~~B.18 — Permit Renewal [326 IAC 2-7-4]~~

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- ~~(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 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).~~

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

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254

~~(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]~~

~~(1) A timely renewal application is one that is:~~

~~(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and~~

~~(B) 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.~~

~~(2) If IDEM, OAQ, upon receiving a timely and complete 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, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.~~

~~(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]~~

~~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 2-7 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.~~

~~(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]~~

~~If IDEM, OAQ, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.~~

~~B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]~~

~~(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 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  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254

~~Any such application should be certified by the (responsible official( as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule.~~

~~(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]~~

~~B.20 — Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]  
[326 IAC 2-7-12 (b)(2)]~~

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- ~~(a) — No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.~~
- ~~(b) — Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.~~

~~B.21 — Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]~~

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~~The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:~~

- ~~(a) — For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.~~
- ~~(b) — The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b)~~

~~B.22 — Operational Flexibility [326 IAC 2-7-20]~~

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~~(a) — The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:~~

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

~~Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~and~~

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

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

- ~~(5) — The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.~~

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

- ~~(b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:~~
- ~~(1) A brief description of the change within the source;~~
  - ~~(2) The date on which the change will occur;~~
  - ~~(3) Any change in emissions; and~~
  - ~~(4) Any permit term or condition that is no longer applicable as a result of the change.~~

The notification which shall be submitted by the Permittee does not require the certification by the ~~(responsible official( as defined by 326 IAC 2-7-1(34)).~~

- ~~(c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).~~
- ~~(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.~~
- ~~(e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.~~

~~B.23 Construction Permit Requirement [326 IAC 2]~~

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~~Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.~~

~~B.24 Inspection and Entry [326 IAC 2-7-6(2)]~~

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~~Upon presentation of proper identification cards, credentials, and other documents as may be required by law, 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 Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;~~
- ~~(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;~~
- ~~(c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;~~
- ~~(d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and~~
- ~~(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.  
[326 IAC 2-7-6(6)]~~

- (1) ~~The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAQ, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAQ, nor an authorized representative, may disclose the information unless and until IDEM, OAQ, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]~~
- (2) ~~The Permittee, and IDEM, OAQ, acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]~~

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~~B.25 Transfer of Ownership or Operational Control [326 IAC 2-7-11]~~

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- (a) ~~The Permittee must comply with the requirements of 326 IAC 2-7-11 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  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-6015~~
- ~~The application which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~
- (c) ~~The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]~~

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~~B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]~~

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- (a) ~~The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.~~
- (b) ~~Failure to pay may result in administrative enforcement action, or revocation of this permit.~~
- (c) ~~The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.~~

## **SECTION B GENERAL CONDITIONS**

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### **B.1 Definitions [326 IAC 2-7-1]**

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**Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.**

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

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

**B.3 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]**

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- (a) This permit, T003-5974-00008, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

**B.5 Enforceability [326 IAC 2-7-7]**

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

**B.6 Severability [326 IAC 2-7-5(5)]**

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

**B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]**

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

**B.8 Duty to Provide Information [326 IAC 2-7-5(6)(E)]**

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- (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 the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

**B.9 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]**

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- (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 the "responsible official" 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) A "responsible official" is defined at 326 IAC 2-7-1(34).**

**B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]**

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

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

**and**

**United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590**

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.**
- (c) The annual compliance certification report shall include the following:**
  - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;**
  - (2) The compliance status;**
  - (3) Whether compliance was continuous or intermittent;**
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and**
  - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.**

**The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

**B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)][326 IAC 2-7-6(1) and (6)][326 IAC 1-6-3]**

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(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, 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 Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (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 the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

**B.12 Emergency Provisions [326 IAC 2-7-16]**

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- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
  - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or  
Telephone Number: 317-233-0178 (ask for Compliance Section)  
Facsimile Number: 317-233-6865

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

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

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

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

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

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.**
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.**

**B.13 Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]**

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- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced 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 Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.**

**This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.**

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.**
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.**
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:**
  - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;**
  - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;**
  - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and**
  - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.**
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).**

- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

**B.14 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]**

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- (a) All terms and conditions of permits established prior to T003-5974-00008 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised under 326 IAC 2-7-10.5, or
  - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this combined permit, all previous registrations and permits are superseded by this combined new source review and part 70 operating permit.

**B.15 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]**

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The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

**B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]**

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- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

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

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

**B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]**

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this

permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

**B.18 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]**

- (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 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
  - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 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.19 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]**

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(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 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  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

**B.20 Permit Revision Under Economic Incentives and Other Programs  
[326 IAC 2-7-5(8)][326 IAC 2-7-12(b)(2)]**

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(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

**B.21 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]**

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(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b),(c), or (e) without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

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

and

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

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

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b),(c), or (e). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) **Emission Trades [326 IAC 2-7-20(c)]**  
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) **Alternative Operating Scenarios [326 IAC 2-7-20(d)]**  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

**B.22 Source Modification Requirement [326 IAC 2-7-10.5]**

- (a) A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

- (b) Any modification at an existing major source is governed by the requirements of 326 IAC 2-2 (for sources located in NA areas).

**B.23 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]**

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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 Part 70 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 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 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 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.24 Transfer of Ownership or Operational Control [326 IAC 2-7-11]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 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  
Permits Branch, 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 the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

**B.25 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]**

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- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

**B.26 Advanced Source Modification Approval [326 IAC 2-7-5(16)] [326 IAC 2-7-10.5]**

- (a) The requirements to obtain a source modification approval under 326 IAC 2-7-10.5 or a permit modification under 326 IAC 2-7-12 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.
- (b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

**B.27 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]**

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

**SECTION C SOURCE OPERATION CONDITIONS**

**Entire Source**

**Emission Limitations and Standards [326 IAC 2-7-5(1)]**

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

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

**C.2 Opacity [326 IAC 5-1]**

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

- (a) Opacity emissions 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%) opacity 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.3 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. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

~~C.4 — 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.5 — 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). 326 IAC 6-4-2(4) is not federally enforceable.~~

~~C.6 — Operation of Equipment [326 IAC 2-7-6(6)]~~

~~All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.~~

~~C.7 — Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]~~

~~(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  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) ~~Procedures for Asbestos Emission Control~~  
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). ~~Per 326 IAC 14-10-4 emission control requirements are mandatory 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) ~~Indiana Accredited 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 Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

#### **Testing Requirements [326 IAC 2-7-6(1)]**

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

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- (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 methods approved by IDEM, OAQ.~~

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

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254

~~no later than thirty five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.~~

- (b) ~~All test reports must be received by IDEM, OAQ within forty five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty five (45) day period.~~

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

#### **Compliance Monitoring Requirements ~~[326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]~~**

##### **C.9 ~~Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]~~**

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~~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, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend the compliance schedule an additional ninety (90) days provided the Permittee notifies:~~

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254

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

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

~~C.10 Maintenance of Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]~~

~~(a) In the event that a breakdown of the monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. In the case of continuous opacity monitoring, whenever the continuous opacity monitor is malfunctioning or will be down for repairs or adjustments for a period of four (4) hours or more, visible emission observations should be performed for a minimum of one (1) hour, as described in D.1.5, and should be implemented at least once per daylight shift during process operations, until such time that the continuous opacity monitor is back in operation. The VE readings during this period shall be reported to the air compliance inspector.~~

~~(b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.~~

~~C.11 Monitoring Methods [326 IAC 3]~~

~~Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.~~

~~C.12 Pressure Gauge Specifications~~

~~Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ( $\pm 2\%$ ) of full scale reading.~~

~~Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]~~

~~C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]~~

~~Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):~~

~~(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.~~

~~(b) These ERPs shall be submitted for approval to:~~

~~Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~

~~within ninety (90) days after the date of issuance of this permit.~~

~~The ERP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.~~

- ~~(d) — These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.~~
- ~~(e) — Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.~~
- ~~(f) — Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]~~

~~C.14 — Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]~~

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~~If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:~~

- ~~(a) — Submit:~~
  - ~~(1) — A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or~~
  - ~~(2) — As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and~~
  - ~~(3) — A verification to IDEM, OAQ, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.~~
- ~~(b) — Provide annual certification to IDEM, OAQ, that the Risk Management Plan is being properly implemented.~~

~~All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~C.15 — Compliance Monitoring Plan — Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]~~

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- ~~(a) — The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:~~
  - ~~(1) — This condition;~~
  - ~~(2) — The Compliance Determination Requirements in Section D of this permit;~~
  - ~~(3) — The Compliance Monitoring Requirements in Section D of this permit;~~
  - ~~(4) — The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and~~
  - ~~(5) — A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRPs shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of:~~
    - ~~(A) — Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and~~

- ~~(B) — A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.~~
- ~~(b) — For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.~~
- ~~(c) — After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:~~
- ~~(1) — The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.~~
  - ~~(2) — The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;~~
  - ~~(3) — An automatic measurement was taken when the process was not operating; or~~
  - ~~(4) — The process has already returned to operating within (normal) parameters and no response steps are required.~~
- ~~(d) — Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.~~

~~C.16 — Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]  
[326 IAC 2-7-6]~~

- 
- ~~(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 corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAQ shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAQ within thirty (30) days of receipt of the notice of deficiency. IDEM, OAQ reserves the authority to use enforcement activities to resolve noncompliant stack tests.~~
- ~~(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 and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.~~

~~The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

**Record Keeping and Reporting Requirements ~~[326 IAC 2-7-5(3)] [326 IAC 2-7-19]~~**

**~~C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]~~**

- ~~(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:~~
- ~~(1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);~~
  - ~~(2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.~~
- ~~(b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:~~
- ~~Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2254~~
- ~~(c) The annual emission statement 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.18 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]~~**

- ~~(a) With the exception of performance tests conducted in accordance with Section C- Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.~~
- ~~(b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.~~
- ~~(c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.~~
- ~~(d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.~~
- ~~(e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.~~
- ~~(f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.~~

**~~C.19 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]~~**

- ~~(a) Records of all required monitoring data and support information 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 kept at the source location for a minimum of three~~

~~(3) years and available upon the request of an IDEM, OAQ, representative. 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 written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.~~

~~(b) Records of required monitoring information shall include, where applicable:~~

- ~~(1) The date, place, and time of sampling or measurements;~~
- ~~(2) The dates analyses were performed;~~
- ~~(3) The company or entity performing the analyses~~
- ~~(4) The analytic techniques or methods used;~~
- ~~(5) The results of such analyses; and~~
- ~~(6) The operating conditions existing at the time of sampling or measurement.~~

~~(c) Support information shall include, where applicable:~~

- ~~(1) Copies of all reports required by this permit;~~
- ~~(2) All original strip chart recordings for continuous monitoring instrumentation;~~
- ~~(3) All calibration and maintenance records;~~
- ~~(4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C- Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.~~

~~(d) All record keeping requirements not already legally required shall be implemented upon installation and initial startup for the new emission units and within ninety (90) days of Permit Modification No.: 003-21271-00008 issuance for existing emission units.~~

~~C.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)]~~

- ~~(a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~
- ~~(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:~~

~~Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
Indianapolis, Indiana 46204-2251~~

- ~~(c) — Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.~~
- ~~(d) — Unless otherwise specified in this permit, any semiannual and quarterly reports shall be submitted within thirty (30) days of the end of the reporting period. The reports do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~
- ~~(e) — All instances of deviations as described in Section B—Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~
- ~~(f) — Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.~~
- ~~(g) — The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.~~

### **Stratospheric Ozone Protection**

#### ~~C.21 — Compliance with 40 CFR 82 and 326 IAC 22-1]~~

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

- ~~(a) — Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.~~
- ~~(b) — Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.~~
- ~~(c) — Persons performing maintenance, service, repair, or disposal of appliances must be certified.~~

## **SECTION C**

## **SOURCE OPERATION CONDITIONS**

<b>Entire Source</b>
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### **Emission Limitations and Standards [326 IAC 2-7-5(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 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.3 Open Burning [326 IAC 4-1] [IC 13-17-9]**

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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.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]**

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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.5 Fugitive Dust Emissions [326 IAC 6-4]**

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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). 326 IAC 6-4-2(4) is not federally enforceable.

**C.6 Stack Height [326 IAC 1-7]**

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The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(3), 1-7-2, 1-7-3(c) and (d), 1-7-4, and 1-7-5(a), (b), and (d) are not federally enforceable.

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

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- (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  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251**

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (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 Accredited 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 Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

**Testing Requirements [326 IAC 2-7-6(1)]**

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

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

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (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 the "responsible official" as defined by 326 IAC 2-7-1(34).
- (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]

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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 2-7-5(1)][326 IAC 2-7-6(1)]

##### C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

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Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

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

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

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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] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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

**Corrective Actions and Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]**

**C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (c) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

**C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]**

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

**C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]**

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- (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.

**C.16 Actions Related to Noncompliance Demonstrated by a Stack Test**  
[326 IAC 2-7-5][326 IAC 2-7-6]

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- (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 the "responsible official" as defined by 326 IAC 2-7-1(34).

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**C.17 Emission Statement**  
[326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

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- (a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
  - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
  - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

**The statement must be submitted to:**

**Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-50 IGCN 1003  
Indianapolis, Indiana 46204-2251**

**The emission statement does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).**

- (b) **The emission statement 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.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]  
[326 IAC 2-2][326 IAC 2-3]**

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- (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.**
- (c) **If there is a “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) and the Permittee elects to utilize the “projected actual emissions” (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:**
- (1) **Before beginning actual construction of the “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, document and maintain the following records:**
- (A) **A description of the project.**
- (B) **Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.**
- (C) **A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:**
- (i) **Baseline actual emissions;**
- (ii) **Projected actual emissions;**

- (iii) **Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1 (mm)(2)(A)(iii); and**
  - (iv) **An explanation for why the amount was excluded, and any netting calculations, if applicable.**
- (2) **Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and**
- (3) **Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.**

**C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2]**

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- (a) **The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**
- (b) **The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:**  
  
**Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251**
- (c) **Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.**
- (d) **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 the "responsible official" as defined by 326 IAC 2-7-1(34).**
- (e) **The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.**
- (f) **If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1 (qq) and/or 326 IAC 2-3-1 (ll)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to**

**IDEM, OAQ:**

- (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C- General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C- General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1 (xx) and/or 326 IAC 2-3-1 (qq), for that regulated NSR pollutant, and
  - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).
- (g) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:
- (1) The name, address, and telephone number of the major stationary source.
  - (2) The annual emissions calculated in accordance with (c)(2) and (3) in Section C - General Record Keeping Requirements.
  - (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).
  - (4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

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

- (h) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C- General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

**Stratospheric Ozone Protection**

**C.20 Compliance with 40 CFR 82 and 326 IAC 22-1**

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

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

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

**Modified Section A and D Conditions:**

**Modification #1**

Section A.1 has been updated to fix a grammatical error and to more accurately describe the facility. The source status has been updated to reflect the current attainment status for Allen County.

**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 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

**A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]**

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The Permittee owns and operates a ~~tire manufacturer~~ **stationary rubber tire manufacturing facility.**

Source Address: 18906 US Highway 24 East, Woodburn, Indiana 46797  
Mailing Address: P.O. Box 277, Woodburn, Indiana 46797-0277  
Phone Number: (260) 493-8100  
SIC Code: 3011  
County Location: Allen  
County Status: ~~Nonattainment for 8-Hour Ozone~~  
Attainment for all other criteria pollutants  
Source Status: Part 70 **Operating** Permit Program;  
Major Source, under PSD Rules;  
~~Major Source, under Emission Offset Rules~~  
Major Source, Section 112 of the Clean Air Act; **and**  
**Not 1 of 28 Source Categories.**

**Modification #2**

Section A.2 has been updated to reflect the new emission unit throughput capacities. The descriptive information has also been updated to more accurately reflect the current operation.

**A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]**

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

- (a) One (1) carbon black unloading area, ~~with a maximum capacity of 16,533 pounds per hour, using a baghouse as control, exhausting at stacks 356 A—D.~~ **identified as EU-01, constructed in 1961 and modified in 1996, with a maximum capacity of 18,916 pounds per hour, using four (4) baghouses for control and exhausting at stacks 356 A–D.**
- (b) One (1) Banbury mixing area, ~~with a maximum capacity of 41,057 pounds of rubber, carbon black, and chemicals per hour, using a baghouse as control, exhausting at stacks 200, 208, 210, 231 and 278; which includes three (3) mills, one of which is to be constructed in 2007 and will operate in series with the existing mills. This new mill will exhaust at stack 414.~~ **identified as EU-02, consisting of three (3) mills operating in series, constructed in 1961 and modified in 1968, with a maximum capacity of 46,974 pounds of rubber, carbon black, and chemicals per hour, using three (3)**

**baghouses for control and exhausting at stacks 200, 201 to 203, 208, 210, 211, 216 and 286.**

- (c) Four (4) natural gas or No. 2/No. 6 fuel oil or fuel oil blend fired boilers, identified as #1 through #3 and #5, with maximum capacities of ~~52, 52, 52, and 130 million British thermal units per hour (MM Btu/hr), respectively, using no control, exhausting at stacks 109, 114, 124, and 257.~~ , #2, #3 and #5, boilers #1, #2 and #3 were constructed in 1961, boiler #5 was constructed in 1974, with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MMBtu/hr), respectively, using no control, boiler #1 and #2 exhaust at stack 109, boiler #3 exhausts at stack 114 and boiler #5 exhausts at stack 257.
- (d) One (1) component preparation area, which includes milling, extruding, and calendaring with a maximum capacity of ~~40,064 pounds per hour, using no control, exhausting at stacks 168, 171, 173, 174, 176, 178, 186, 187, 254, 255, 311, 315, 318, 319, 320, 322, 323, 324, 325, 326, 327, 328, 329, 330 and 355;~~ which includes new one (1) stand-alone mill, which is to be constructed and operated in 2007. This new mill will exhaust at stack ~~445.~~ , identified as EU-03, constructed prior to 1974 with one mill constructed in 2007, with a maximum capacity of 49,420 pounds per hour for milling and 48,378 pounds per hour for calendaring and extruding, using no control, exhausting at stacks 173, 174, 186, 254, 255, 318, 324 to 330.
- (e) One (1) tire building area, with a maximum capacity of ~~41,332 pound per hour, using no control, exhausting at stacks 301-309, 312, and 313.~~ constructed in 1961, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 301-309, 312, and 313.
- (f) One (1) tire curing process, with a maximum capacity of ~~41,332 pound per hour, using no control, exhausting at stacks 51-58, 60-66, 68, 69, 71, 73, 75, 77, 79, 80, and 82-88.~~ identified as EU-05, with 178 presses constructed in 1961 and modified in 2004 and 26 presses approved for construction in 2007, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 52-58, 61-66, 69, 71, 73, 75, 77, 79, 80, and 83-88.
- (g) One (1) WSW grinding and TUO Module Area, with a maximum capacity of ~~42,757 pounds per hour, using centrifugal separators as control, exhausting at stacks 258-261, and 265-277.~~ white side wall (WSW) grinding and tire uniformity optimizer (TUO) module area, constructed in 1961 and modified in 2003, with a maximum capacity of 35,467 pounds per hour for WSW grinding and 7,093 pounds per hour for TUO operations, using seventeen (17) cyclone dust collectors as control, exhausting to stacks 258-261, and 265-277.
- (h) One (1) tread end cementing process consisting of lines #1 and #2, with a production capacity of ~~2,081 tires per hour, using particulate baffle filters, exhausting at stacks 158, and 159.~~ VOC emissions will be controlled by either one of the four (4) process boilers once all curing presses in this SSM 003-20073 have been installed. This ducting will only be required if all twenty-eight (28) presses are installed. identified as EU-04, with a maximum capacity of 2,081 tires per hour or 47,290 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four (4) process boilers to control VOC emissions.
- (i) Miscellaneous solvent usage.

### Modification No. 3:

The emission unit descriptions have been updated to reflect the additional throughput due to the source modification. The descriptive information has also been updated to reflect the current operation.

## SECTION D.1

## FACILITY OPERATION CONDITIONS

### Emissions Unit Description:

- (a) ~~One (1) carbon black unloading area, with a maximum capacity of 16,533 pounds per hour, using a baghouse as control, exhausting at stacks 356 A-D.~~ **One (1) carbon black unloading area, identified as EU-01, constructed in 1961 and modified in 1996, with a maximum capacity of 18,916 pounds per hour, using four (4) baghouses for control and exhausting at stacks 356 A-D.**
- (b) ~~One (1) Banbury mixing area, with a maximum capacity of 41,057 pounds of rubber, carbon black, and chemicals per hour, using a baghouse as control, exhausting at stacks 200, 208, 210, 231, and 278; which includes three (3) mills, one of which is to be constructed in 2007 and will operate in series with the existing mills. The new mill will exhaust at stack 414.~~ **One (1) banbury mixing area, identified as EU-02, consisting of three (3) mills operating in series, constructed in 1961 and modified in 1968, with a maximum capacity of 46,974 pounds of rubber, carbon black, and chemicals per hour, using three (3) baghouses for control and exhausting at stacks 200, 201 to 203, 208, 210, 211, 216 and 286.**
- (gc) ~~One (1) WSW grinding and TUO Module Area, with a maximum capacity of 42,757 pounds per hour, using centrifugal separators as control, exhausting at stacks 258-261, and 265-277.~~ **One (1) white side wall (WSW) grinding and tire uniformity optimizer (TUO) module area, constructed in 1961 and modified in 2003, with a maximum capacity of 35,467 pounds per hour for WSW grinding and 7,093 pounds per hour for TUO operations, using seventeen (17) cyclone dust collectors as control, exhausting to stacks 258-261, and 265-277.**

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

### Modification No. 4:

The particulate matter limitations have been updated to reflect the correct rule citation. The emissions limits have been revised to reflect an increase in the throughput due to the project.

#### D.1.1 Particulate Matter (PM) Emission Limitations [326 IAC 6-3-2(e)]

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from: **(Particulate Emission Limitations for Manufacturing Processes), particulate emissions from each of following operations shall not exceed the pound per hour limits listed below:**

- (a) Carbon black unloading shall not exceed ~~46.9~~ **18.48** pounds per hour when operating at a process weight rate of ~~46,533~~ **18,916** pounds per hour.
- (b) Banbury mixing shall not exceed ~~31.0~~ **33.98** pounds per hour when operating at a process weight rate of ~~41,057~~ **46,974** pounds per hour.
- (c) WSW grinding and TUO Module Area shall not exceed ~~31.9~~ pounds per hour when operating at a process weight rate of ~~42,757~~ pounds per hour. **shall not exceed 28.15 pounds per hour when operating at a process weight rate of 35,467 pounds per hour.**

- (d) The TUO module area shall not exceed 9.58 pounds per hour when operating at a process weight rate of 7,093 pounds per hour.**

**Modification No. 5:**

Condition D.1.4 has been revised to clarify the requirements for the Permittee when a bag failure is observed in a multi-compartment baghouse.

**D.1.4 Particulate Matter (PM) Control**

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Pursuant to 326 IAC 6-3-2(e), the dust collectors, baghouses, cyclones, and dry filters for PM control shall be in operation at all times when the carbon black unloading, banbury mixing, WSW grinding and TUO Module Area are in operation.

- (a) In order to comply with Condition D.1.1, the dust collectors, baghouses, cyclones, and dry filters for PM control shall be in operation at all times when the carbon black unloading, banbury mixing, WSW grinding and TUO module area are in operation.**
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.**

**Modification No. 6:**

Condition D.1.5 has been revised and separated into Conditions D.1.5, D.1.6 and D.1.7. Existing Condition D.1.6 has been renumbered to Condition D.1.8. The revisions reflect current requirements for visible emission notations, baghouse bag failure, and parametric monitoring. The changes are as follows:

**D.1.5 Monitoring**

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- ~~(a) The carbon black unloading has applicable compliance monitoring conditions as specified below:~~
- ~~(1) Daily visible emissions notations of the carbon black unloading stack exhausts, 356A, 356B, 356C, 356D, shall be performed during normal daylight operations. A trained employee will record whether emissions are normal or abnormal. For processes operated continuously "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.~~
- ~~(2) An inspection shall be performed semi-annually of all bags controlling the carbon black unloading operation when venting to the atmosphere. A baghouse inspection shall be performed within six months of redirecting vents to the atmosphere and every six months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.~~
- ~~(3) In the event that bag failure has been observed:~~
- ~~(A) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any~~

~~failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B – Emergency Provisions).~~

~~(B) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B – Emergency Provisions).~~

~~(4) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.~~

~~(b) The banbury mixing, pellet spiraling for banbury mixing, BB dump and pellet feed for banbury mixing has applicable compliance monitoring conditions as specified below:~~

~~(1) Daily visible emissions notations of the banbury mixing, pellet spiraling for banbury mixing, BB dump and pellet feed for banbury mixing processes stack exhausts, 200, 208, 210, 231, and 278 shall be performed during normal daylight operations. A trained employee will record whether emissions are normal or abnormal. For processes operated continuously (normal means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.~~

~~(2) (Effective June 8, 2001) The Permittee shall perform automatic daily monitoring and recording of the pressure differential readings on the banbury mixers, BB dump, and Pellet feed. This information shall be provided by a PLC/differential pressure transducer based system. The system shall take daily readings of the baghouses pressure drop ranges and shall be maintained at 1.0 to 5.0 inches of water or ranges established during the latest stack test. Any readings outside of this range will sound an alarm/alert function for immediate response by maintenance personnel to shut the unit down until the situation is remedied.~~

~~(3) An inspection shall be performed semi-annually of all bags controlling the mixing operation when venting to the atmosphere. A baghouse inspection shall be performed within six months of redirecting vents to the atmosphere and every six months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.~~

~~(4) In the event that bag failure has been observed:~~

~~(A) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion. Operations may continue only if the event qualifies as an~~

~~emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B – Emergency Provisions).~~

~~(B) — For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B – Emergency Provisions).~~

~~(5) — Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.~~

~~(c) — The WSW grinding and TUO Module Area have applicable compliance monitoring conditions as specified below:~~

~~(1) — Daily visible emissions notations of the WSW grinding and TUO Module Area and Quality assurance processes stack exhausts, 258-261, and 265-277, and 33 and 37, shall be performed during normal daylight operations. A trained employee will record whether emissions are normal or abnormal. For processes operated continuously (normal( means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time. In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions. A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.~~

~~(2) — Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.~~

#### **D.1.5 Visible Emissions Notations**

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- (a) Visible emission notations of the carbon black unloading area baghouse stack exhausts (stacks 356A, 356B, 356C and 356D) shall be performed once per day during normal daylight operations. A trained employee or a trained contractor shall record whether emissions are normal or abnormal.**
- (b) Visible emission notations of the banbury mixing, pellet spiraling for banbury mixing, BB dump and pellet feed for banbury mixing baghouse stack exhausts (stacks 200, 208 and 210) shall be performed once per day during normal daylight operations. A trained employee or a trained contractor shall record whether emissions are normal or abnormal.**
- (c) Visible emission notations of the WSW grinding and TUO module area stack exhausts (stacks 258 to 261 and 265 to 277) shall be performed once per day during normal daylight operations. A trained employee or a trained contractor shall record whether emissions are normal or abnormal.**
- (d) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.**
- (e) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.**
- (f) A trained employee or contractor is a person who has worked or trained at the**

**plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.**

- (g) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.**

#### **D.1.6 Parametric Monitoring**

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**The Permittee shall perform automatic daily monitoring and recording of the pressure differential readings on the banbury mixers, BB dump, and pellet feed. This information shall be provided by a PLC/differential pressure transducer based system. The system shall take daily readings of the baghouses pressure drop ranges and shall be maintained at 1.0 to 5.0 inches of water or ranges established during the latest stack test. Any reading outside this range shall sound an alarm/alert function for immediate response by maintenance personnel to shut the unit down until the situation is remedied. When for any one reading, the pressure drop across the baghouse is outside the normal range of 1.0 to 5.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.**

**The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ and shall be calibrated at least once every six (6) months.**

#### **D.1.7 Broken or Failed Bag Detection**

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

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

#### **Modification No. 7:**

Existing Condition D.1.6 has been renumbered to Condition D.1.8. The revisions reflect current requirements for visible emission notations and parametric monitoring. The changes are as follows:

#### **D.1.68 Record Keeping Requirements**

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- (a) ~~To document compliance with Condition D.1.1 and D.1.5, the Permittee shall maintain records of daily visible emission notations of the carbon black unloading, banbury mixing, pellet spiraling for banbury mixing, BB dump and pellet feed for banbury mixing, WSW grinding and TUO Module Area stack exhausts.~~**
- (b) ~~To document compliance with Condition D.1.5, the Permittee shall maintain the following:~~**

- (1) ~~Daily automatic or manual readings of the banbury mixing, BB dump and pellet feed for banbury mixing baghouses differential pressure.~~
  - (2) ~~Documentation of all response steps implemented, per event.~~
  - (3) ~~Operation and preventive maintenance logs, including work purchases orders, shall be maintained.~~
  - (4) ~~Quality Assurance/Quality Control (QA/QC) procedures.~~
  - (5) ~~Operator standard operating procedures (SOP).~~
  - (6) ~~Manufacturer's specifications or its equivalent.~~
  - (7) ~~Equipment "troubleshooting" contingency plan.~~
  - (8) ~~Documentation of the dates vents are redirected.~~
- (a) **To document compliance with Condition D.1.5(a), D.1.5(b), and D.1.5(c), the Permittee shall maintain a daily record of visible emission notations of the stack exhaust from stacks 200, 208, 210, 258 to 261, 265 to 277, and 356A to 356D. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation (e.g. the process did not operate that day).**
- (b) **To document compliance with Condition D.1.6, the Permittee shall maintain a daily automatic or manual record of the pressure drop across the baghouses controlling the banbury mixing, BB dump and pellet feed for banbury mixing operation. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).**
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**Modification No. 8:**

The emission unit descriptions have been updated to reflect the most current information on the boilers. The revisions are as follows:

**SECTION D.2 FACILITY OPERATION CONDITIONS**

**Emissions Unit Description:**

- (ed) ~~Four (4) natural gas or / No. 6/No.2 fuel oil blend fired boilers, identified as #1 through #3 and #5, with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MMBtu/hr), respectively, using no control, exhausting at stacks 109, 114, 124, and 257. Four (4) natural gas or No. 2/No. 6 fuel oil or fuel oil blend fired boilers, identified as #1, #2, #3 and #5, boilers #1, #2 and #3 were constructed in 1961, boiler #5 was constructed in 1974, with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MMBtu/hr), respectively, using no control, boiler #1 and #2 exhaust at stack 109, boiler #3 exhausts at stack 114 and boiler #5 exhausts at stack 257.~~

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

**Modification No. 9:**

Condition D.2.2 has been revised to clarify the equation used to calculate the particulate emissions from

the boilers.

**D.2.2 PM Emissions Limitations [326 IAC 6-2-3]**

Pursuant to 326 IAC 6-2-3, the particulate matter (PM) from the boilers, identified as #1 through #3 and #5, shall be limited by the following:

$$Pt = C \times a \times h / 76.5 \times Q^{0.75} \times N^{0.25}$$

Where: Pt = pounds of particulate matter emitted per MMBtu

(a) Each Boiler #1, #2, or #3, shall not exceed 0.61 pounds of PM per MM Btu; and

(b) Boiler #5 shall not exceed 0.45 pounds of PM per MM Btu.

Pursuant to 326 IAC 6-2, Particulate Emission Limitations for Sources of Indirect Heating, the particulate matter (PM) from boilers, identified as #1 through #3 and #5, shall be limited by the following:

$$Pt = C \times a \times h / 76.5 \times Q^{0.75} \times N^{0.25}$$

Where:

Pt = Pounds of particulate matter emitted per million Btu heat unput (lb/MMBtu)

C = Maximum ground level concentration

Q = Total source maximum operating capacity rating

N = Number of stacks

a = Plume rise factor

h = Stack height in feet

(a) Boilers #1 to #3 shall not exceed 0.61 pounds of PM per MMBtu; and

(b) Boiler #5 shall not exceed 0.45 pounds of PM per MMBtu.

**Modification No. 10:**

The emission unit descriptions have been updated to reflect the additional throughput due to the source modification. The revisions are as follows:

**SECTION D.3 FACILITY OPERATION CONDITIONS**

**Emissions Unit Description:**

- (de) One (1) component preparation area, which includes milling, extruding, and calendaring with a maximum capacity of 40,064 pounds per hour, using no control, exhausting at stacks 168, 171, 173, 174, 176, 178, 186, 187, 254, 255, 311, 315, 318, 319, 320, 322, 323, 324, 325, 326, 327, 328, 329, 330 and 355; which includes one (1) stand-alone mill, which is to be constructed and operated in 2007. This new mill will exhaust at stack 415. **One (1) component preparation area, which includes milling, extruding, and calendaring, identified as EU-03, constructed prior to 1974 with one mill constructed in 2007, with a maximum capacity of 49,420 pounds per hour for milling and 48,378 pounds per hour for calendaring and extruding, using no control, exhausting at stacks 173, 174, 186, 254, 255, 318, 324 to 330.**
- (ef) One (1) tire building area, with a maximum capacity of 41,332 pound per hour, using no control, exhausting at stacks 301-309, 312, and 313. **One (1) tire building area, constructed in 1961, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 301-309, 312, and 313.**
- (fg) One (1) tire curing process, with a maximum capacity of 41,332 pound per hour, using no control, exhausting at stacks 51-58, 60-66, 68, 69, 71, 73, 75, 77, 79, 80, and 82-88. **One (1)**

**tire curing process, identified as EU-05, with 178 presses constructed in 1961 and modified in 2004 and 26 presses approved for construction in 2007, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stacks 52-58, 61-66, 69, 71, 73, 75, 77, 79, 80, and 83-88.**

(h) ~~One (1) tread end cementing process, with a maximum capacity of 2,081 tires per hour, using particulate baffles, exhausting at stacks 157, 158, and 159. VOC emissions will be controlled by either one of the four (4) process boilers once all curing presses in this SSM 003-20073-00008 have been installed. This ducting will only be required if all twenty-eight (28) presses are installed.~~ **One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum capacity of 2,081 tires per hour or 47,290 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four (4) process boilers to control VOC emissions.**

(i) Miscellaneous solvent usage.

Insignificant Activity

(a) One (1) green tire spray, with a maximum capacity of 41,332 pound per hour, using particulate baffles, exhausting at stacks 130, 132, 145, 262, 263, 264, 279, and 280.

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

**Modification No. 11:**

Condition D.3.1 has been updated to reflect the requirements of SSM 003-20073-00008 and SPM 003-21271-00008. The source verified the shutdown of the curing presses and the ducting of the tread end cementers to one of the process boilers. A permit condition has been added to make the throughput of the twenty-six (26) additional curing presses enforceable thereby making the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

**D.3.1 Minor Modification - Prevention of Significant Deterioration (PSD) [326 IAC 2-2]**

(a) ~~Pursuant to 326 IAC 2-2, Prevention of Significant Deterioration, the new tire curing presses permitted under SSM 003-20073-00008 and SPM 003-21271-00008 shall not operate until after the old presses are shutdown, using the following time line:~~

- ~~17 have already been decommissioned as of July 15, 2005.~~
- ~~0 will be decommissioned before the start-up of the 1st of 6 curing presses.~~
- ~~1 will be decommissioned before the start-up of the 2nd of 6 curing presses.~~
- ~~2 will be decommissioned before the start-up of the 3rd of 6 curing presses.~~
- ~~2 will be decommissioned before the start-up of the 4th of 6 curing presses.~~
- ~~0 will be decommissioned before the start-up of the last 2 presses.~~

~~Removal of these tire curing presses shall reduce the VOC emissions by 13.3 tons per twelve month period. The shutdown of these curing presses shall be permanent.~~

**VOC emissions from the twenty-six (26) curing presses installed under SPM 003-24944-00008 and SSM 003-24784-00008 shall not exceed 0.67 lb VOC per ton rubber cured.**

(b) **Total rubber cured in the twenty-six (26) curing presses installed under SPM 003-24944-00008 and SSM 003-24784-00008 shall not exceed 25,575 tons per twelve (12) consecutive month period with compliance determined at the end of each month.**

(b) VOC emissions from the Tread End Cementers shall be directed to either one of the four (4) process boilers for destruction in order to achieve a reduction in the VOC emissions by 2 tons per twelve month period. ~~The ducting will only be required once all twenty-eight (28) are installed.~~

(c) Compliance with both (a) and (b) of this condition shall ~~render make this modification to the tire manufacturing operation not subject to the requirements of 326 IAC 2-2, Prevention of Significant Deterioration~~ **not applicable to SSM 003-20073-00008 and SPM 003-21271-00008 as well as SSM 003-24784-00008 and SPM 003-24944-00008, respectively.**

**Modification No. 12:**

Condition D.3.9 has been updated to remove unnecessary text.

D.3.9 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Within sixty day (60) days after achieving maximum production rate at which all twenty-eight (28) tire curing presses permitted under SPM 003-21271-00008 will be operated but no later than 180 days after their initial start up, the Permittee shall conduct a performance test to verify the capture system and VOC emission reduction from the Tread End Cementers controlled by either one of the four (4) process boilers utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. ~~process boilers utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.~~

**Modification No. 13:**

Condition D.3.11 has been updated to reflect the shutdown of the curing presses required under SSM 003-20073-00008 and SPM 003-21271-00008.

D.3.11 Volatile Organic Compounds (VOC)

The Permittee shall operate either one of the four boilers to control the Tread End Cementers at all times ~~once all twenty-eight (28) curing presses have been installed~~ in order to achieve compliance with condition D.3.1.

**Modification No. 14:**

Condition D.3.12 has been modified to reflect the performance of an initial stack test to determine the three hour average stack temperature. In addition, the reference to Section C - Preparation, Implementation, Records, and Reports has been updated to reflect the updated Section C condition.

D.3.12 Boilers Operating Temperature

(a) A continuous monitoring system shall be calibrated, maintained, and operated for measuring operating temperature of either one of the four boilers used to control emissions from the Tread End Cementers ~~once all twenty-eight (28) presses are started~~. For the purpose of this condition, continuous means no less than once per minute. The output of this system shall be recorded as a three (3) hour average. ~~From the date of initial start up of the last two (2) curing presses until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Part 70 Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports~~ **Section C - Response to Excursions or Exceedances** whenever the three (3) hour average temperature of the boiler used to control emissions from the Tread End Cementers is below ~~4200~~ **951** °F or until a temperature is established during the latest stack test. A three (3) hour average temperature that is below ~~4200~~ **951** °F until a temperature is established during the latest stack test, is not a deviation from this permit. Failure to take response steps in accordance with ~~Part 70 Section C - Preparation, Implementation, Records, and Reports~~ **Response to Excursions or Exceedances** shall be considered a deviation from this permit.

- (b) The Permittee shall determine the three (3) hour average temperature from the most recent valid stack test that demonstrates compliance with the VOC emission reduction in Condition D.3.1~~(a)~~, as approved by IDEM. This temperature shall be used for compliance with D.3.12(a).
- (c) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - ~~Compliance Response Plan - Preparation, Implementation, Records and Reports~~ **Response to Excursions or Exceedances** whenever the **three (3) hour average temperature of either any of the four boilers used is below the three (3) hour average temperature as observed during the compliant stack test.** A three (3) hour average temperature that is below the three (3) hour average temperature as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C - **Response to Excursions or Exceedances** ~~Compliance Response Plan - Preparation, Implementation, Records and Reports~~ shall be considered a deviation from this permit.

**Modification No. 15:**

Condition D.3.13 has been modified to reflect the performance of a compliance stack test and the determination of an appropriate capture system monitoring parameter.

D.3.13 Parametric Monitoring

- ~~(a) The Permittee shall determine the appropriate capture system monitoring parameter and value (duct pressure, fan amperage or air flow) from the most recent performance test that demonstrates compliance with the VOC emission reduction from the Tread End Cementer in Condition D.3.1(a), as approved by IDEM.~~
- ~~(b) The established capture system monitoring parameter and value (duct pressure, fan amperage, or air flow) shall be observed at least once per day when any of the Tread End Cementers is in operation. On and after the date the approved compliance demonstration results are available, the capture system monitoring parameter shall be maintained within the normal range as established in most recent performance test.~~

**The Permittee shall record the fan amperage of the capture system used in conjunction with the tread end cementer at least once per day when the tread end cementing process is in operation. When for any one reading, the fan amperage is outside the normal operating range of 6.8 to 7.2 amps or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A fan amperage that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.**

**Modification No. 16:**

Conditions D.3.16 and D.3.17 have been modified to add record keeping and reporting requirements for the throughput of the twenty-six (26) additional curing presses. In addition, a quarterly reporting form has been added to the permit. The modified conditions are as follows:

D. 3.16 Record Keeping Requirements

- (a) To document compliance with Conditions D.3.3(a), the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.3.3(a).

- (1) The amount of VOC content of the cement used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
  - (2) A log of the dates of use;
  - (3) The cleanup solvent usage for each year;
  - (4) The total VOC usage for each month; and
  - (5) The weight of VOC emitted for each compliance period.
- (b) To document compliance with Condition D.3.1, the Permittee shall maintain records in accordance with (1) and (2) below. Records maintained for (1) and (2) shall be taken daily and shall be complete and sufficient to establish compliance with the VOC emissions limit in Condition D.3.1.
- (1) The continuous temperature records (reduced to a three-hour average basis) from any of the four boilers that controls the VOC emissions from the Tread End. Cementers and the three (3) hour average temperature used to demonstrate compliance during the most recent compliant stack test.
  - (2) Daily record of the duct pressure, fan amperage, or air flow.
- (c) To document compliance with Condition D.3.6, as required by 40 CFR Part 63, Subpart XXXX, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the HAP emissions limits in Condition D.3.6.
- (1) A record of Method 311, or approved alternative method, test results, indicating the mass percent of each HAP for each cement and solvent, as purchased.
  - (2) The mass of each cement and solvent used each monthly operating period.
  - (3) All data and calculations used to determine the monthly average mass percent for each HAP for each monthly operating period.
  - (4) Monthly averages of emissions in grams per megagram (gr/Mg) or pounds per ton (lbs/ton).
  - (5) Record each instance, based on monthly average in which the emission limit was not met.
- (d) To document compliance with D.3.15(b), the Permittee shall maintain an MSDS record or the results of Method 24 analysis conducted to verify the VOC content of the spray on site.
- (e) To document compliance with D.3.1(a), (b) and (c), the Permittee shall maintain a record of the total tons of rubber cured on the twenty-six (26) curing presses installed under SPM 003-24944-00008 and SSM 003-24784-00008.**
- (ef) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.3.17 Reporting Requirements

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- (a) A semi-annual summary of the information to document compliance with Condition D.3.3 concerning tread end cementing shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) months being reported.
- (b) An annual summary of the information used to document compliance with Condition D.3.12(b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, within thirty (30) days after the end of the year being reported.
- (c) Pursuant to Part 63.6004, the Permittee must also report each instance, based on monthly average in which the emission limit was not met. This report shall be submitted semiannual as required in Part 63.6010(e) to the address listed in Section C - General Reporting Requirements, of this permit within thirty (30) days after the end of the period being reported.
- (d) **A quarterly summary of the information to document compliance with Condition D.3.1(c) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.**

<b>Conclusion and Recommendation</b>
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The construction of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Significant Source Modification No. 003-24784-00008 and Significant Permit Modification No. 003-24944-00008. The staff recommends to the Commissioner that this Part 70 Significant Source and Significant Permit Modification be approved.

## Emissions Summary for Project

## Appendix A : Emissions Calculations

Company Name : BF Goodrich Tire Manufacturing

Address : 18906 US Highway 24 East, Woodburn, Indiana 46797

Significant Source Modification Number : 003-24784-00008

Significant Permit Modification Number : 003-24944-00008

Part 70 Operating Permit Number : T003-5974-00008

Reviewer : David J. Matousek

Date : October 26, 2007

Emissions Associated with the Project								
Emission Unit	Process Description	PM (ton/yr)	PM10 (ton/yr)	SO2 (ton/yr)	VOC (ton/yr)	CO (ton/yr)	NOx (ton/yr)	Total HAPs (ton/yr)
<b>PTE New Units</b>								
06	Seven (7) Replacement TUO Units	0.17	0.17	0.00	0.27	0.00	0.00	0.02
05	Twenty-six (26) Tire Curing Presses	0.00	0.00	0.00	8.62	0.00	0.00	3.81
---	Total PTE - New Units	0.17	0.17	0.00	8.89	0.00	0.00	3.83
<b>Affected Units<sup>2</sup></b>								
01	Carbon Black Unloading - Baseline Emissions	5.07	5.07	0.00	0.00	0.00	0.00	0.00
01	Carbon Black Unloading - Projected Emissions	6.66	6.66	0.00	0.00	0.00	0.00	0.00
01	Net Change	1.59	1.59	0.00	0.00	0.00	0.00	0.00
02	Banbury Mixing Area - Baseline Emissions	2.08	2.08	0.00	17.53	0.00	0.00	4.82
02	Banbury Mixing Area - Projected Emissions	2.73	2.73	0.00	22.99	0.00	0.00	6.32
02	Net Change	0.65	0.65	0.00	5.46	0.00	0.00	1.50
03	Component Prep - Milling - Baseline Emissions	0.00	0.00	0.00	8.99	0.00	0.00	1.64
03	Component Prep - Milling - Projected Emissions	0.00	0.00	0.00	12.01	0.00	0.00	2.19
03	Net Change	0.00	0.00	0.00	3.02	0.00	0.00	0.55
04	Component Prep - Calendering - Baseline Emissions	0.00	0.00	0.00	2.99	0.00	0.00	1.10
04	Component Prep - Calendering - Projected Emissions	0.00	0.00	0.00	3.92	0.00	0.00	1.44
04	Net Change	0.00	0.00	0.00	0.93	0.00	0.00	0.34
05	Component Prep - Extruding - Baseline Emissions	0.00	0.00	0.00	0.72	0.00	0.00	2.06
05	Component Prep - Extruding - Projected Emissions	0.00	0.00	0.00	0.94	0.00	0.00	2.70
05	Net Change	0.00	0.00	0.00	0.22	0.00	0.00	0.64
06	WSW Grinding - Baseline Emissions	2.58	1.18	0.00	4.44	0.00	0.00	0.30
06	WSW Grinding - Projected Emissions	3.10	1.70	0.00	5.27	0.00	0.00	0.36
06	Net Change	0.52	0.52	0.00	0.83	0.00	0.00	0.06
06	TUO Module Area - Baseline Emissions	0.26	0.19	0.00	0.42	0.00	0.00	0.03
06	TUO Module Area - Projected Emissions	0.31	0.24	0.00	0.50	0.00	0.00	0.04
06	Net Change	0.05	0.05	0.00	0.08	0.00	0.00	0.01
03	Component Prep - Marking Ink - Baseline Emissions	0.00	0.00	0.00	1.52	0.00	0.00	0.47
03	Component Prep - Marking Ink - Projected Emissions	0.00	0.00	0.00	2.25	0.00	0.00	0.52
03	Net Change	0.00	0.00	0.00	0.73	0.00	0.00	0.05
04	Tread End Cementing - Baseline Emissions	0.00	0.00	0.00	65.77	0.00	0.00	0.00
04	Tread End Cementing - Projected Emissions	0.00	0.00	0.00	79.88	0.00	0.00	0.00
04	Net Change	0.00	0.00	0.00	14.11	0.00	0.00	0.00
Insignificant	Green Tire Spray - Baseline Emissions	1.70	1.70	0.00	0.20	0.00	0.00	0.00
Insignificant	Green Tire Spray - Projected Emissions	2.16	2.16	0.00	0.71	0.00	0.00	0.00
Insignificant	Net Change	0.46	0.46	0.00	0.51	0.00	0.00	0.00
Insignificant	Protectant Spray - Baseline Emissions	2.11	2.11	0.00	0.35	0.00	0.00	0.00
Insignificant	Protectant Spray - Projected Emissions	2.54	2.54	0.00	0.43	0.00	0.00	0.00
Insignificant	Net Change	0.43	0.43	0.00	0.08	0.00	0.00	0.00
#1-#3 & #5	Boilers - Baseline Emissions	17.45	15.35	210.40	0.95	14.65	61.20	0.00
#1-#3 & #5	Boilers - Projected Emissions	20.69	18.19	249.51	1.12	17.37	72.58	0.00
#1-#3 & #5	Net Change	3.24	2.84	39.11	0.17	2.72	11.38	0.00
<b>Prevention of Significant Deterioration (PSD) Applicability</b>								
	PTE New Units	0.17	0.17	0.00	8.89	0.00	0.00	3.83
	Affected Units	6.94	6.54	39.11	26.14	2.72	11.38	3.15
	Totals for Project	7.11	6.71	39.11	35.03	2.72	11.38	6.98
	Significant Levels	25.00	15.00	40.00	40.00	100.00	40.00	---

## Notes:

- Calculations for the project were submitted by the applicant under a claim of confidentiality under 326 IAC 17.1 and/or 40 CFR 2, Subpart B.
- Baseline emissions for "Actual to Projected Actual" (ATPA) methods used a base period of January 1, 2005 to December 31, 2006. The baseline period for the ATPA analysis was provided by the Permittee. The Permittee stated the baseline period complies with the requirements of 326 IAC 2-2-1(e).
- The worst case single HAP emission is methylene chloride. Methylene chloride is emitted in the mixing rubber heating, calendering rubber heating and the extruding rubber heating processes.
- Worst case formulations (worst case tires) were used for emission factors in all potential to emit calculations.
- In accordance with 326 IAC 2-2-2(d)(6), a "Hybrid Test" is used for projects involving a combination of new emission units, existing emission units and/or clean units. The "Hybrid Test" involves using the appropriate applicability test for the type of emission unit listed in 326 IAC 2-2-2(d)(3) to (5) and summing the increases.

**Process Emissions - Seven (7) TUO Units**

**Appendix A : Emissions Calculations**  
**Company Name : BF Goodrich Tire Manufacturing**  
**Address : 18906 US Highway 24 East, Woodburn, Indiana 46797**  
**Significant Source Modification Number : 003-24784-00008**  
**Significant Permit Modification Number : 003-24944-00008**  
**Part 70 Operating Permit Number : T003-5974-00008**  
**Reviewer : David J. Matousek**  
**Date : October 26, 2007**

Replacement TUO Emissions - Process Limited PTE							
Pollutant	Capacity (tires/yr)	Tire Rubber Removed (lb/tire)	Total Rubber Removed (lb/yr)	Emission Factor (lb / lb removed or tire)	Uncontrolled Emissions (ton/yr)	Overall Control Efficiency %	Controlled Emissions (ton/yr)
VOC	548,103	0.0610	33,434.28	1.59E-02	0.27	0.0%	0.27
HAP	548,103	0.0610	33,434.28	1.16E-03	0.02	0.0%	0.02
PM/PM10	548,103	-	-	6.10E-02	16.72	99.0%	0.17

Replacement TUO Emissions - Part 70 Determination - Unlimited PTE							
Pollutant	Capacity (tires/yr)	Tire Rubber Removed (lb/tire)	Total Rubber Removed (lb/yr)	Emission Factor (lb / lb removed or tire)	Uncontrolled Emissions (ton/yr)	Overall Control Efficiency %	Controlled Emissions (ton/yr)
VOC	5,108,400	0.0610	311,612.40	1.59E-02	2.48	0.0%	2.48
HAP	5,108,400	0.0610	311,612.40	1.16E-03	0.18	0.0%	0.18
PM/PM10	5,108,400	-	-	6.10E-02	155.81	99.0%	1.56

**Methodology:**

- 1) Uncontrolled PM/PM10 emissions = throughput (units/yr) x emission factor (lb/unit) / 2000 lb/ton.
- 2) Controlled PM/PM10 emissions = uncontrolled PM/PM10 emissions x (1 - overall efficiency).
- 3) Emission factors for particulate matter were provided by the applicant and are consistent with factors used in Part 70 operating permit number T003-5974-00008. The emission factors used for particulate matter were based on a facility study conducted in Tuscaloosa, Alabama, stack testing at a facility in Akron, Ohio, theoretical estimates and testing of similar equipment.
- 4) The capacity used in the above calculations is based on worst case tire (compound formulation). Prior to the addition of the curing presses, the capacity of seven TUOs is 548,103 tires / year.
- 5) The capacity of the TUO units is process limited by curing capacity.
- 6) The capacity of the TUO units for Part 70 Determination is an estimate. The source estimated the averaging processing time for a single unit and then extended this estimate to seven units over 8,760 hours in a year.

**Process Emissions - VOC/HAP for Twenty-six (26) Presses**

**Appendix A : Emissions Calculations**

**Company Name : BF Goodrich Tire Manufacturing**

**Address : 18906 US Highway 24 East, Woodburn, Indiana 46797**

**Significant Source Modification Number : 003-24784-00008**

**Significant Permit Modification Number : 003-24944-00008**

**Part 70 Operating Permit Number : T003-5974-00008**

**Reviewer : David J. Matousek**

**Date : October 26, 2007**

VOC Emissions							
Process Unit ID	Process Description	Throughput	Throughput Units	Emission Factor	Emission Factor Units	Emissions (lb/hr)	Emissions (ton/yr)
05	Tire Curing	51,149,926	lbs / yr	3.37E-04	lb VOC / lb Rubber	1.97	8.62
Subtotal						1.97	8.62

**Methodology:**

1) Emissions (lb/hr) = throughput (unit/yr) x emission factor (lb HAP / unit) / 8,760 hr/yr.

2) Emissions (ton/yr) = emissions (lb/hr) x 8,760 hr/yr.

3) Emission Factors are from AP-42, Section 4.12, Manufacture of Rubber Products, Table 4.12-4.

4) The VOC emission limit for the additional twenty-six (26) curing presses is calculated as follows:

$$\text{VOC limit} = [(8.62 \text{ tons VOC/yr}) * (2,000 \text{ lb VOC/ton})] \div [(51,149,926 \text{ lb rubber/yr}) * (1 \text{ ton} / 2,000 \text{ lb})] = 0.67 \text{ lb VOC} / \text{ton rubber.}$$

Total HAPs							
Process Unit ID	Process Description	Throughput	Throughput Units	Emission Factor	Emission Factor Units	Emissions (lb/hr)	Emissions (ton/yr)
05	Tire Curing	51,149,926	lbs / yr	1.49E-04	lb HAPs / lb Rubber	0.87	3.81
Subtotal						0.87	3.81

**Methodology:**

1) Emissions (lb/hr) = throughput (unit/yr) x emission factor (lb HAP / unit) / 8,760 hr/yr.

2) Emissions (ton/yr) = emissions (lb/hr) x 8,760 hr/yr.

3) Emission Factors are from AP-42, Section 4.12, Manufacture of Rubber Products, Table 4.12-4.