



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: January 10, 2012

RE: BF Goodrich Tire Manufacturing / 003-31089-00008

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

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 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.



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Mr. Matt Stuart
Environmental Coordinator
BF Goodrich Tire Manufacturing
P.O. Box 277
Woodburn, Indiana 46797-0277

January 10, 2012

Re: 003-31089-00008
Significant Permit Modification to
Part 70 Operating Permit Renewal No: T003-20341-00008

Mr. Stuart:

BF Goodrich Tire Manufacturing was issued Part 70 Operating Permit Renewal No. 003-20341-00008 on September 3, 2008, for a stationary rubber tire manufacturing facility. A letter requesting changes to this permit was received on November 2, 2011, relating to the relocation of the WSW Grinders and the addition of four (4) new centrifugal separators for control of particulate matter (PM). 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.

All other conditions of the permit shall remain unchanged and in effect. Please find attached the entire Part 70 Operating Permit as modified.

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 Angela Taylor, OAQ, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana, 46204-2251, or call at (800) 451-6027, and ask for Angela Taylor or extension 4-5329, or dial (317) 234-5329.

Sincerely,

Chrystal Wagner, Section Chief
Permits Branch
Office of Air Quality

Attachments:
Modified Permit
Technical Support Document (TSD)

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

APT



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**PART 70 OPERATING PERMIT RENEWAL
OFFICE OF AIR QUALITY**

**BF Goodrich Tire Manufacturing
18906 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.: T003-20341-00008	
Issued by/Original Signed by: Chrystal Wagner, Section Chief Permits Branch Office of Air Quality	Issuance Date: September 3, 2008 Expiration Date: September 3, 2013

Third Significant Permit Modification No.: 003-29948-00008, issued February 17, 2011
Second Significant Permit Modification No.: 003-29089-00008, issued November 23, 2010
First Significant Permit Modification No.: 003-26647-00008, issued September 24, 2008

Fourth Significant Permit Modification No: 003-31089-00008	
Issued by:  Chrystal Wagner, Section Chief Permits Branch Office of Air Quality	Issuance Date: January 10, 2012 Expiration Date: September 3, 2013

TABLE OF CONTENTS

A.	SOURCE SUMMARY	5
A.1	General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(15)][326 IAC 2-7-1(22)]	
A.2	Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]	
A.3	Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]	
A.4	Part 70 Permit Applicability [326 IAC 2-7-2]	
B.	GENERAL CONDITIONS	7
B.1	Definitions [326 IAC 2-7-1]	
B.2	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)]	
B.3	Term of Conditions [326 IAC 2-1.1-9.5]	
B.4	Enforceability [326 IAC 2-7-7]	
B.5	Severability [326 IAC 2-7-5(5)]	
B.6	Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]	
B.7	Duty to Provide Information [326 IAC 2-7-5(6)(E)]	
B.8	Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]	
B.9	Annual Compliance Certification [326 IAC 2-7-6(5)]	
B.10	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]	
B.11	Emergency Provisions [326 IAC 2-7-16]	
B.12	Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]	
B.13	Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]	
B.14	Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]	
B.15	Reserved	
B.16	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]	
B.17	Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]	
B.18	Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]	
B.19	Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12(b)(2)]	
B.20	Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]	
B.21	Source Modification Requirement [326 IAC 2-7-10.5]	
B.22	Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]	
B.23	Transfer of Ownership or Operational Control [326 IAC 2-7-11]	
B.24	Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]	
B.25	Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]	
C.	SOURCE OPERATION CONDITIONS	17
	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]	
C.2	Opacity [326 IAC 5-1]	
C.3	Open Burning [326 IAC 4-1] [IC 13-17-9]	
C.4	Incineration [326 IAC 4-2] [326 IAC 9-1-2]	
C.5	Fugitive Dust Emissions [326 IAC 6-4]	
C.6	Stack Height [326 IAC 1-7]	
C.7	Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]	
	Testing Requirements [326 IAC 2-7-6(1)]	
C.8	Performance Testing [326 IAC 3-6]	

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

C.11 Maintenance of Continuous Emission Monitoring Equipment
[326 IAC 2-7-5(3)(A)(iii)]

C.12 Reserved

C.13 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)]
[326 IAC 2-7-6(1)]

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

C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

C.16 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]

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

C.18 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]

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

C.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2]
[326 IAC 2-3]

Stratospheric Ozone Protection

C.21 Compliance with 40 CFR 82 and 326 IAC 22-1

D.1 EMISSIONS UNIT OPERATION CONDITIONS..... 25

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

D.1.1 PSD Minor Limits [326 IAC 2-2]

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

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

D.1.4 Volatile Organic Compound (VOC) Emissions Determination

D.1.5 Particulate Control

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

D.1.6 Monitoring [40 CFR 64]

D.1.7 Parametric Monitoring [40 CFR 64]

D.1.8 Broken or Failed Bag Detection

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

D.1.9 Record Keeping Requirements

D.1.10 Reporting Requirements

D.2 EMISSIONS UNIT OPERATION CONDITIONS..... 31

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

D.2.1 PSD Minor Limits [326 IAC 2-2]

D.2.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1]

D.2.3 Particulate [326 IAC 6-2-3]

D.2.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)]
- D.2.6 Sulfur Dioxide (SO₂) Emissions
- D.2.7 Sulfur Dioxide Emissions and Sulfur Content
- D.2.8 Emissions of Nitrogen Oxides (NO_x)

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

- D.2.9 Visible Emissions Notations

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

- D.2.10 Record Keeping Requirements
- D.2.11 Reporting Requirements

D.3 EMISSIONS UNIT OPERATION CONDITIONS..... 35

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

- D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

E.1 EMISSIONS UNIT OPERATION CONDITIONS..... 36

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements

- E.1.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]
- E.1.2 National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing [40 CFR Part 63, Subpart XXXX]

E.2 EMISSIONS UNIT OPERATION CONDITIONS..... 38

New Source Performance Standards (NSPS) Requirements

- E.2.1 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]
- E.2.2 NSPS for Rubber Tire Manufacturing Requirements [40 CFR Part 60.500, Subpart BBB]

Certification 39
Emergency Occurrence Report 40
Semi-Annual Natural Gas Fired Boiler Certification..... 42
Semi-Annual Reports 43
Quarterly Deviation and Compliance Monitoring Report 46

ATTACHMENT A: 40 CFR 63, Subpart XXXX - National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing

ATTACHMENT B: 40 CFR 60, Subpart BBB - New Source Performance Standards for the Rubber Tire Manufacturing Industry

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)]

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

Source Address:	18906 Highway 24 East, 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 Minor 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)]

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

- (a) One (1) carbon black unloading area, identified as EU-01, installed in 1961 and modified in 1996, with a maximum capacity of 18,916 pounds per hour, using four baghouses as control, exhausting at stacks 356 A - D. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (b) One (1) Banbury mixing area, identified as EU-02, consisting of three (3) mixers operating in series, constructed in 1961 and modified in 1968 and 2007, 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 197, 200, 201 to 203, 208, 210, 211, 216, 286, and 414.
- (c) Four (4) natural gas or No. 2/No. 6 fuel oil or fuel oil blend fired boilers, identified as #1, #2, #3, (constructed in 1961), and #5 (constructed in 1974), with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MMBtu/hr), respectively, using no control. Boilers #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, identified as EU-03, which includes milling, extruding, and calendaring, constructed prior to 1974 with one mill constructed in 2007, one (1) tread end/sidewall extruder approved in 2010 for construction, and four (4) bead extruders approved in 2010 for construction; 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, 325, 326, 327, 328, 329, 330, and 415. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (e) One (1) tire building area, constructed in 1961, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stack 279. This unit is an affected facility under 40 CFR 63, Subpart XXXX.

- (f) One (1) tire curing process, identified as EU-05, with 178 presses constructed in 1961 and modified in 2004 and 2011, sixteen (16) presses approved in 2007 for construction, and ten (10) curing presses approved in 2010 for construction, 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. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (g) One (1) tire uniformity optimizer (TUO) Module Area, constructed in 1961 and modified in 2003, with a maximum capacity of 7,093 pounds per hour, using centrifugal separators as control, exhausting at stacks 258-261, and 265-277. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (h) One (1) white side wall (WSW) grinding area, constructed in 1961, modified in 2003, and relocated in 2011, with a maximum capacity of 35,467 pounds per hour, using centrifugal separators as control, exhausting at stacks 278 through 281. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (i) One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum production capacity of 2,081 tires per hour or 33,646 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four process boilers to control VOC. This unit is an affected facility under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (j) 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)]

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

- (a) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]
- (b) One (1) green tire spray operation, with a maximum capacity of 47,290 pounds per hour, using particulate baffle filters, exhausting at stacks 262, 263, 264, and 280. This unit is an affected unit under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (c) One (1) protectant spray operation, with a maximum throughput capacity of 41,497 pounds of tires per hour, exhausting to stacks 259 and 265. This unit is an affected unit under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (d) Degreasing operations that do not exceed 145 gallons per twelve (12) months, except if subject to 326 IAC 2-6; [326 IAC 8-3-2]

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

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]

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

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

- (a) This permit, T003-20341-00008, 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.3 Term of Conditions [326 IAC 2-1.1-9.5]

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

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

B.4 Enforceability [326 IAC 2-7-7]

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

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

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

B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

- (a) A certification required by the permit meets the requirements of 326 IAC 2-7-6(1) if:

- (1) it contains a certification by a "responsible official", as defined by 326 IAC 2-7-1(34), and
 - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) A "responsible official" is defined at 326 IAC 2-7-1(34).

B.9 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. All 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 and Enforcement 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

B.10 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]

- (a) A Preventive Maintenance Plan (PMP) meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official", as defined by 326 IAC 2-7-1(34).

- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 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.

(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 and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Compliance and Enforcement Branch)
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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

The notice fulfills the requirement of 326 IAC 2-7-5(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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.

B.12 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.13 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 T003-20341-00008 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 permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 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.15 Reserved

B.16 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.17 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
 - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 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, pursuant to 326 IAC 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.18 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.19 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 or notice 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.20 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

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

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and
- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.21 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 and/or 326 IAC 2-3 (for sources located in NA areas).

B.22 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.23 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.24 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.25 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 5-1-1 (Applicability) and 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

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

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

C.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 by using ambient air quality modeling pursuant to 326 IAC 1-7-4. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 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
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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]

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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]

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)]

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

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

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

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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 Maintenance of Continuous Emission Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

- (a) The Permittee shall install, calibrate, maintain, and operate all necessary continuous emission monitoring systems (CEMS) and related equipment.
- (b) In the event that a breakdown of a continuous emission monitoring system occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem.
- (c) Whenever a continuous emission monitor other than an opacity monitor is malfunctioning or will be down for calibration, maintenance, or repairs for a period of four (4) hours or more, a calibrated backup CEMS shall be brought online within four (4) hours of shutdown of the primary CEMS, and shall be operated until such time as the primary CEMS is back in operation.
- (d) Nothing in this permit shall excuse the Permittee from complying with the requirements to operate a continuous emission monitoring system pursuant to significant source modification number 003-20073-00008.

C.12 Reserved

C.13 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

C.14 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 prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on January 18, 2001.
- (b) 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.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

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

C.16 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

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

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

C.17 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 submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.
- (b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.18 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(b)(2), starting in 2010 and every three (3) years thereafter, the Permittee shall submit by July 1 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

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

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.
- (c) If there is a reasonable possibility (as defined in 40 CFR 51.165(a)(6)(vi)(A), 40 CFR 51.165(a)(6)(vi)(B), 40 CFR 51.166(r)(6)(vi)(a), and/or 40 CFR 51.166(r)(6)(vi)(b)) that 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)) may result in significant emissions increase 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.
- (d) If there is a reasonable possibility (as defined in 40 CFR 51.165(a)(6)(vi)(A) and/or 40 CFR 51.166(r)(6)(vi)(a)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) 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)) may result in significant emissions increase 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) 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
 - (2) 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.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]
[326 IAC 2-2][326 IAC 2-3]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official", as defined by 326 IAC 2-7-1(34). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (b) The address for report submittal is:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Reserved
- (e) 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 (d) 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 no later than 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 (d)(1) and (2) 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 wishes to include in this report, such as an explanation as to why the emissions differ from the preconstruction projection.

Reports required in this part shall be submitted to:

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

- (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.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 applicable standards for recycling and emissions reduction.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emission Unit Description:

- (a) One (1) carbon black unloading area, identified as EU-01, installed in 1961 and modified in 1996, with a maximum capacity of 18,916 pounds per hour, using four baghouses as control, exhausting at stacks 356 A - D. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (b) One (1) Banbury mixing area, identified as EU-02, consisting of three (3) mixers operating in series, constructed in 1961 and modified in 1968 and 2007, 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 197, 200, 201 to 203, 208, 210, 211, 216, 286, and 414.
- (d) One (1) component preparation area, identified as EU-03, which includes milling, extruding, and calendaring, constructed prior to 1974 with one mill constructed in 2007, one (1) tread end/sidewall extruder approved in 2010 for construction, and four (4) bead extruders approved in 2010 for construction; 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, 325, 326, 327, 328, 329, 330, and 415. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (e) One (1) tire building area, constructed in 1961, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stack 279. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (f) One (1) tire curing process, identified as EU-05, with 178 presses constructed in 1961 and modified in 2004 and 2011, sixteen (16) presses approved in 2007 for construction, and ten (10) curing presses approved in 2010 for construction, 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. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (g) One (1) tire uniformity optimizer (TUO) Module Area, constructed in 1961 and modified in 2003, with a maximum capacity of 7,093 pounds per hour, using centrifugal separators as control, exhausting at stacks 258-261, and 265-277. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (h) One (1) white side wall (WSW) grinding area, constructed in 1961, modified in 2003, and relocated in 2011, with a maximum capacity of 35,467 pounds per hour, using centrifugal separators as control, exhausting at stacks 278 through 281. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (i) One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum production capacity of 2,081 tires per hour or 33,646 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four process boilers to control VOC. This unit is an affected facility under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (j) Miscellaneous solvent usage.

Insignificant Activities:

- (b) One (1) green tire spray operation, with a maximum capacity of 47,290 pounds per hour, using particulate baffle filters, exhausting at stacks 262, 263, 264, and 280. This unit is an affected unit under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (c) One (1) protectant spray operation, with a maximum throughput capacity of 41,497 pounds of tires per hour, exhausting to stacks 259 and 265. This unit is an affected unit under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.

(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 PSD Minor Limits [326 IAC 2-2]

The total VOC emissions from the one (1) Banbury mixing area, identified as EU-02, the one (1) white sidewall (WSW) grinder area, the tire uniformity optimizer (TUO) module area, the one (1) component preparation area, identified as EU-03, the one (1) tire curing process, identified as EU-05, the one (1) tread end cementing process, identified as EU-04, the one (1) green tire spray operation, the one (1) protectant spray operation, and the source-wide solvent use shall not exceed 243.2 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this emission limit, combined with the potential VOC emissions from combustion sources at the facility, will ensure that the potential to emit from the source is less than 250 tons of VOC per year and render the requirements of 326 IAC 2-2 not applicable.

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

Pursuant to 326 IAC 6-3-2, particulate emissions shall be limited as follows:

- (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.
- (e) Pursuant to 326 IAC 6-3-2, particulate emissions from the tread end cementing operations shall not exceed 27.1 pounds per hour when operating at a process weight of 33,646 pounds per hour.

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:

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

- (f) Pursuant to 326 IAC 6-3-2(d), particulate emissions from the protectant spray operation shall be controlled by particulate baffle filter, and the Permittee shall operate the control device in accordance with manufacturer's specifications.
- (g) Pursuant to 326 IAC 6-3-2(d), particulate emissions from each of the green tire spraying booths shall be controlled by particulate baffle filter, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.1.4 Volatile Organic Compound (VOC) Emissions Determination

- (a) The Permittee shall calculate VOC emissions (in tons) each calendar month using the appropriate equation below for each of the following processes: rubber mixing, rubber

milling, rubber extruding, rubber calendering, tire curing, WSW grinding, and TUO grinding. For all equations below, the maximum VOC emission factors shall be from the U.S. EPA's AP-42, Chapter 4.12.

- (1) VOC emissions from rubber mixing shall be calculated using the following equation:

$$\text{VOC Emissions (tons/month)} = (\text{RM} * \text{MEF})/2000$$

where: RM = pounds of rubber mixed per month and
MEF = maximum VOC emission factor (in lb VOC/lb rubber)
for the compounds mixed that month

- (2) VOC emissions from rubber milling shall be calculated using the following equation:

$$\text{VOC Emissions (tons/month)} = (\text{MR} * \text{MEF})/2000$$

where: MR = pounds of rubber milled per month and
MEF = maximum VOC emission factor (in lb VOC/lb rubber)
for the compounds milled that month

- (3) VOC emissions from rubber extruding shall be calculated using the following equation:

$$\text{VOC Emissions (tons/month)} = (\text{RE} * \text{MEF})/2000$$

where: RE = pounds of rubber extruded per month and
MEF = maximum VOC emission factor (in lb VOC/lb rubber)
for the compounds extruded that month

- (4) VOC emissions from rubber calendering shall be calculated using the following equation:

$$\text{VOC Emissions (tons/month)} = (\text{CR} * \text{MEF})/2000$$

where: CR = pounds of rubber calendered per month and
MEF = maximum VOC emission factor (in lb VOC/lb rubber)
for the compounds calendered that month

- (5) VOC emissions from the tire curing process shall be calculated using the following equation:

$$\text{VOC Emissions (tons/month)} = (\text{RC} * \text{MEF})/2000$$

where: RC = pounds of rubber cured per month and
MEF = maximum VOC emission factor (in lb VOC/lb rubber)
for the compounds cured that month

- (6) VOC emissions from WSW grinding shall be calculated using the following equation:

$$\text{VOC Emissions (tons/month)} = (\text{SG} * 1.59 * 10^{-2})/2000$$

where: SG = pounds of rubber removed in WSW grind per month;
calculated by multiplying the number of tires ground and
the maximum weight of rubber removed per grind

- (7) VOC emissions from the TUO grinding operations shall be calculated using the following equation:

$$\text{VOC Emissions (tons/month)} = (G * 1.59 \times 10^{-2}) / 2000$$

where: G = pounds of rubber removed in TUO grind per month;
calculated by multiplying the number of tires ground and
the maximum weight of rubber removed per grind

- (b) The Permittee shall calculate VOC emissions (in tons) each calendar month using mass balance calculations for each of the following processes: silane binder usage, ink marking, tread end cementing, green tire spraying and WSW protectant spraying. The monthly VOC emissions are the sum of the VOC emissions from each coating or solvent used during the month. The VOC emissions from each coating or solvent will be calculated by multiplying the VOC content of a coating or solvent by the amount of that coating or solvent used during the calendar month.

D.1.5 Particulate Control

- (a) In order to comply with Condition D.1.1, the dust collectors, baghouses, and centrifugal separators for particulate control shall be in operation and control emissions from the carbon black unloading, Banbury mixing, WSW grinding, and TUO Module Area at all times that the facilities 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.
- (c) In order to comply with Condition D.1.2(f) and (g), the baffle filters for particulate control shall be in operation and control emissions at all times the tread end cementers are in operation.

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

D.1.6 Monitoring [40 CFR 64]

- (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 area stack exhausts (stacks 278 to 281), and the 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. Section C- Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.1.7 Parametric Monitoring [40 CFR 64]

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. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps 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.1.8 Broken or Failed Bag Detection

- (a) For a single compartment baghouses 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 have 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 pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

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

D.1.9 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.6(a), (b), and (c), the Permittee shall maintain records of daily visible emission notations of the stack exhaust from 197, 200, 208, 210, 258 to 261, 265 to 277, 278 to 281, and 356A to 356D. The Permittee shall include in its daily record when a visible emission reading is not taken and the reason for the lack of these readings (e.g. the process did not operate that day).
- (b) To document the compliance status with Condition D.1.7, the Permittee shall maintain the daily automatic or manual readings of the Banbury mixing, BB dump and pellet feed for

Banbury mixing baghouses differential pressure. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of these readings (e.g. the process did not operate that day).

- (c) The Permittee shall retain a copy of all records necessary to determine the compliance status with the requirements of Condition D.1.1. Those records include, but are not limited to:
 - (1) The VOC content of each coating material and solvent used.
 - (A) less water; and
 - (B) including water.
 - (2) The amount of coating material and solvent used on a monthly basis.
 - (A) Records shall include purchase orders, invoices, usage logs or other reasonable methods and material safety data sheets (MSDS), VOC data sheets, certificate of analysis or other means necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
 - (3) The weight of VOCs emitted for each compliance period.
- (d) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligation with regard to the records required by this condition.

D.1.10 Reporting Requirements

The Permittee shall submit a semi-annual summary of the information to document the compliance status with Condition D.1.1, not later than thirty (30) days after the end of the six (6)-month period being reported. Section C - General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. This report requires the certification by a "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (c) Four (4) natural gas or No. 2/No. 6 fuel oil or fuel oil blend fired boilers, identified as #1, #2, #3, (constructed in 1961), and #5 (constructed in 1974), with maximum capacities of 52, 52, 52, and 130 million British thermal units per hour (MMBtu/hr), respectively, using no control. Boilers #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 PSD Minor Limits [326 IAC 2-2]

- (a) The emissions of SO₂ from Boilers #1, #2, #3, and #5, and all space heaters in the facility shall not exceed 249.9 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (1) The one (1) boiler, with a maximum heat input capacity of 52 MMBtu/hr, identified as Boiler #3, shall only use natural gas.
 - (2) The three (3) boilers, with maximum heat input capacities of 52, 52, and 130 MMBtu/hr, identified as Boilers #1, #2, and #5, respectively, shall use any combination of natural gas, #2 fuel oil, and #6 fuel oil.
 - (3) The sulfur content for #2 and #6 fuel oil shall not exceed 1.5%.
- (b) The emissions of NO_x from Boilers #1, #2, #3, and #5, and all space heaters in the facility shall not exceed 249.9 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with these emission limits will ensure that the potential to emit from the source is less than 250 tons of SO₂ and NO_x per year and render the requirements of 326 IAC 2-2 not applicable.

D.2.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1]

Pursuant to 326 IAC 7-1.1-2 (Sulfur Dioxide Emission Limitations), the SO₂ emissions from Boiler #1 through #3 and #5 shall be limited as follows:

- (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.2.3 Particulate [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3 (Particulate Limitations for Sources of Indirect Heating) the PM emissions from Boilers #1 through #3 shall each be limited to 0.61 pounds per MMBtu heat input, and the PM emissions from Boiler #5 shall be limited to 0.45 pounds per MMBtu heat input.

These limitations are based on the following equation:

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

where

C = 50 u/m³

Pt = emission rate limit (lbs/MMBtu)

Q = total source heat input capacity (MMBtu/hr)

N = number of stacks

a = plume rise factor (0.67)

h = stack height (ft)

D.2.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee shall conduct stack testing for opacity when burning No.6 fuel oil in Boiler #5. Compliance shall be determined by a performance stack test. The Permittee shall perform opacity testing utilizing Method 9 (40 CFR 60, Appendix A), or other methods as approved by the Commissioner at least once every five (5) years. The Permittee shall not be required to perform opacity testing should No. 6 fuel oil not be used in Boiler #5 during the five (5) year period. Opacity testing shall be performed no later than three (3) months from the date of switching to No. 6 fuel oil. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

D.2.6 Sulfur Dioxide (SO₂) Emissions

Compliance with the SO₂ emissions limit in Condition D.2.1 shall be determined by using the following equation:

Total SO₂ Emissions (tons/month) = SO₂[#2 fuel oil] + SO₂[#6 fuel oil] + SO₂[natural gas]

(a) For #2 fuel oil:

(1) SO₂ emissions (tons/month) = T * 142S / 2000

where: T = throughput of #2 fuel oil in kilogallons per month
S = percent (%) sulfur content

(b) For #6 fuel oil:

(1) SO₂ emissions (tons/month) = T * 157S / 2000

where: T = throughput of #6 fuel oil in kilogallons per month
S = percent (%) sulfur content

(c) For natural gas:

(1) SO₂ emissions (tons/month) = T * 0.6 / 2000

where: T = throughput of natural gas in MMCF per month

D.2.7 Sulfur Dioxide Emissions and Sulfur Content

Compliance with Conditions D.2.1(a) and D.2.2 shall be determined utilizing one (1) of the following options:

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate the fuel oil sulfur content does not exceed one and five tenths percent (1.5%) by weight or one and six tenths (1.6) pounds per MMBtu heat input (No. 6 fuel oil) or five tenths (0.5) pounds per MMBtu heat input (No. 2 fuel oil) by:
 - (1) Providing vendor analysis of fuel delivered, if accompanied by a vendor certification, or;
 - (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.
- (b) Compliance with Condition D.2.2 may also be determined by conducting a stack test for sulfur dioxide emissions from the boilers using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

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

D.2.8 Emissions of Nitrogen Oxides (NO_x)

Compliance with the NO_x emissions limit in Condition D.2.1(b) shall be determined by using the following equation:

$$\text{Total NO}_x \text{ Emissions (tons/month)} = \text{Throughput (MMCF) of natural gas} * 100 \text{ (AP-42 emission factor)}$$

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

D.2.9 Visible Emissions Notations

- (a) Visible emission notations of the boiler#1 through #3 and #5 stack exhaust shall be performed once per day during normal daylight operations while combusting fuel oil. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

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

D.2.10 Record Keeping Requirements

- (a) To document the compliance status with Conditions D.2.1(a) and D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the SO₂ emission limits established in Condition D.2.1(a) and D.2.2.

- (1) Calendar dates covered in the compliance determination period;
- (2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

If the fuel supplier certification is used to demonstrate compliance, when burning alternate fuels and not determining compliance pursuant to 326 IAC 3-7-4, the following, as a minimum, shall be maintained:

- (4) Fuel supplier certifications;
- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

- (b) To document the compliance status with Condition D.2.1(b), the Permittee shall maintain records of the actual monthly natural gas usage and equivalent NO_x emissions.
- (c) To document the compliance status with Condition D.2.9, the Permittee shall maintain records of visible emission notations of the boiler #1-#3, and boiler #5 stack exhaust while combusting fuel oil. The Permittee shall include in its daily record when a visible emission reading is not taken and the reason for the lack of these readings (e.g. the process did not operate that day).
- (d) Section C - General Record Keeping Requirements of this permit contains the Permittee's obligation with regard to the records required by this condition.

D.2.11 Reporting Requirements

- (a) The natural gas boiler certification 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 its equivalent, no later than thirty (30) days after the end of the six (6) month period being reported. The natural gas-fired boiler certification does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The Permittee shall submit a semi-annual summary of the information to document the compliance status with Condition D.2.1, not later than thirty (30) days after the end of the six (6)-month period being reported. Section C - General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. This report requires the certification by a "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

Insignificant Activities:

- (d) Degreasing operations that do not exceed 145 gallons per twelve (12) months, except if subject to 326 IAC 2-6; [326 IAC 8-3-2]

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

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the Permittee shall:

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

SECTION E.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (d) One (1) component preparation area, identified as EU-03, which includes milling, extruding, and calendaring, constructed prior to 1974 with one mill constructed in 2007, one (1) tread end/sidewall extruder approved in 2010 for construction, and four (4) bead extruders approved in 2010 for construction; 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, 325, 326, 327, 328, 329, 330, and 415. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (e) One (1) tire building area, constructed in 1961, with a maximum capacity of 47,290 pounds per hour, using no control, exhausting at stack 279. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (f) One (1) tire curing process, identified as EU-05, with 178 presses constructed in 1961 and modified in 2004 and 2011, sixteen (16) presses approved in 2007 for construction, and ten (10) curing presses approved in 2010 for construction, 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. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (h) One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum production capacity of 2,081 tires per hour or 33,646 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four process boilers to control VOC. This unit is an affected facility under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (i) Miscellaneous solvent usage.

Insignificant Activities:

- (b) One (1) green tire spray operation, with a maximum capacity of 47,290 pounds per hour, using particulate baffle filters, exhausting at stacks 262, 263, 264, and 280. This unit is an affected unit under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (c) One (1) protectant spray operation, with a maximum throughput capacity of 41,497 pounds of tires per hour, exhausting to stacks 259 and 265. This unit is an affected unit under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.

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

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements

E.1.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]

- (a) Pursuant to 40 CFR 63.5980, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, for the affected facilities, as specified in Table 17 of 40 CFR Part 63, Subpart XXXX in accordance with schedule in 40 CFR 63, Subpart XXXX.
- (b) Pursuant to 40 CFR 63.10, the Permittee shall submit all required notifications and reports to:

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

E.1.2 National Emissions Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing
[40 CFR Part 63, Subpart XXXX]

Pursuant to 40 CFR Part 63, Subpart XXXX, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart XXXX, as follows, on and after July 11, 2005. The entire text of 40 CFR Part 63, Subpart XXXX is included as Attachment A to this permit.

- 1) 40 CFR 63.5980
- 2) 40 CFR 63.5981
- 3) 40 CFR 63.5982 (a), (b)(1), (b)(4), (e)
- 4) 40 CFR 63.5983(b)
- 5) 40 CFR 63.5984
- 6) 40 CFR 63.5985(b)
- 7) 40 CFR 63.5990
- 8) 40 CFR 63.5994(a), (b), (d)
- 9) 40 CFR 63.5996
- 10) 40 CFR 63.6003
- 11) 40 CFR 63.6004
- 12) 40 CFR 63.6009 (a), (e), (f)
- 13) 40 CFR 63.6010 (a), (b)(3) through (5), (c)(1) through (5), (c)(7), (d), (e), (g)
- 14) 40 CFR 63.6011
- 15) 40 CFR 63.6012
- 16) 40 CFR 63.6013
- 17) 40 CFR 63.6014
- 18) 40 CFR 63.6015
- 19) Applicable portions of Table 1
- 20) Applicable portions of Table 6
- 21) Applicable portions of Table 9
- 22) Applicable portions of Table 10
- 23) Applicable portions of Table 15
- 24) Applicable portions of Table 16
- 25) Applicable portions of Table 17

SECTION E.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (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. Line #1 was modified in 1996; Line #2 was modified in 1990. This unit is an affected unit under 40 CFR 63, Subpart XXXX and 40 CFR 60, Subpart BBB.

Insignificant Activities:

- (b) One (1) green tire spray operation, with a maximum capacity of 47,290 pounds per hour, using particulate baffle filters, exhausting at stacks 262, 263, 264, and 280. This unit is an affected unit under 40 CFR 63, Subpart XXXX and 40 CFR 60, Subpart BBB.
- (c) One (1) protectant spray operation, with a maximum throughput capacity of 41,497 pounds of tires per hour, exhausting to stacks 259 and 265. This unit is an affected unit under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.

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

New Source Performance Standards (NSPS) Requirements

E.2.1 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 units described in this section, except when otherwise specified in 40 CFR Part 60, Subpart BBB.

E.2.2 NSPS for Rubber Tire Manufacturing Requirements [40 CFR Part 60.500, Subpart BBB]

Pursuant to 40 CFR Part 60, Subpart BBB, the Permittee shall comply with the provisions of 40 CFR Part 60.540. The entire text of 40 CFR Part 60, Subpart BBB is included as Attachment B to this permit.

- 1) 40 CFR 60.540 (a), (c)
- 2) 40 CFR 60.541
- 3) 40 CFR 60.542 (a)(3), (a)(5)
- 4) 40 CFR 60.543 (a), (b), (c), (l), (m)
- 5) 40 CFR 60.545 (d)
- 6) 40 CFR 60.546 (c)
- 7) 40 CFR 60.547
- 8) 40 CFR 60.548

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

Source Name: BF Goodrich Tire Manufacturing
Source Address: 18906 Highway 24 East, Woodburn, Indiana 46797
Part 70 Permit No.: T003-20341-00008

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 AND ENFORCEMENT 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 Highway 24 East, Woodburn, Indiana 46797
Part 70 Permit No.: T003-20341-00008

This form consists of 2 pages

Page 1 of 2

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), no later than four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
 - The Permittee must submit notice in writing or by facsimile within 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 ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

**PART 70 OPERATING PERMIT
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: BF Goodrich Tire Manufacturing
Source Address: 18906 Highway 24 East, Woodburn, Indiana 46797
Part 70 Permit No.: T003-20341-00008

Natural Gas Only
 Alternate Fuel burned
From: _____ To: _____

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 AND ENFORCEMENT BRANCH**

**PART 70 OPERATING PERMIT
VOC Semi-Annual Report**

Source Name: BF Goodrich Tire Manufacturing
Source Address: 18906 Highway 24 East, Woodburn, Indiana 46797
Part 70 Permit No.: T003-20341-00008
Facility: Entire Source
Parameter: Total VOC emissions
Limit: Less than 243.2 tons per twelve (12) consecutive month period,
with compliance determined at the end of each month

YEAR: _____

Month	Total VOC Emissions	Total VOC Emissions	Total VOC Emissions
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			
Month 4			
Month 5			
Month 6			

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

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

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

**PART 70 OPERATING PERMIT
 SO₂ Semi-Annual Report**

Source Name: BF Goodrich Tire Manufacturing
 Source Address: 18906 Highway 24 East, Woodburn, Indiana 46797
 Part 70 Permit No.: T003-20341-00008
 Facility: Boilers #1, #2, #3, and #5, and all facility space heaters
 Parameter: Total SO₂ emissions
 Limit: Less than 249.9 tons per twelve (12) consecutive month period, with compliance determined at the end of each month

Compliance with the SO₂ emissions limit shall be determined by using the following equation:

Total SO₂ Emissions (tons/month) = SO₂[#2 fuel oil] + SO₂[#6 fuel oil] + SO₂[natural gas]

- (a) For #2 fuel oil: SO₂ emissions (tons/month) = T * 142S / 2000
 where: T = throughput of #2 fuel oil in kilogallons per month
 S = percent (%) sulfur content
- (b) For #6 fuel oil: SO₂ emissions (tons/month) = T * 157S / 2000
 where: T = throughput of #6 fuel oil in kilogallons per month
 S = percent (%) sulfur content
- (c) For natural gas: SO₂ emissions (tons/month) = T * 0.6 / 2000
 where: T = throughput of natural gas in MMCF per month

YEAR: _____

Month	Total SO ₂ Emissions	Total SO ₂ Emissions	Total SO ₂ Emissions
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			
Month 4			
Month 5			
Month 6			

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

Submitted by: _____
 Title / Position: _____
 Signature: _____
 Date: _____
 Phone: _____

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

PART 70 OPERATING PERMIT NO_x Semi-Annual Report

Source Name: BF Goodrich Tire Manufacturing
 Source Address: 18906 Highway 24 East, Woodburn, Indiana 46797
 Part 70 Permit No.: T003-20341-00008
 Facility: Boilers #1, #2, #3, and #5, and all facility space heaters
 Parameter: Total NO_x emissions
 Limit: Less than 249.9 tons per twelve (12) consecutive month period,
 with compliance determined at the end of each month

Compliance with the NO_x emissions limit shall be determined by using the following equation:

$$\text{Total NO}_x \text{ Emissions (tons/month)} = \text{Throughput (MMCF) of natural gas} * 100 \text{ (AP-42 emission factor)}$$

YEAR: _____

Month	Total NO _x Emissions	Total NO _x Emissions	Total NO _x Emissions
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			
Month 4			
Month 5			
Month 6			

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

Submitted by: _____
 Title / Position: _____
 Signature: _____
 Date: _____
 Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: BF Goodrich Tire Manufacturing
Source Address: 18906 Highway 24 East, Woodburn, Indiana 46797
Part 70 Permit No.: T003-20341-00008

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

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

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Significant Permit Modification to a Part 70 Operating Permit

Source Background and Description

Source Name: BF Goodrich Tire Manufacturing
Source Location: 18906 Highway 24 East, Woodburn, Indiana 46797
County: Allen
SIC Code: 3011
Operation Permit No.: T003-20341-00008
Operation Permit Issuance Date: September 3, 2008
Significant Permit Modification No.: 003-31089-00008
Permit Reviewer: APT

The Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) has reviewed a request from BF Goodrich Tire Manufacturing to modify its permit.

History and Background

BF Goodrich Tire Manufacturing was issued Part 70 Operating Permit Renewal No. T003-20341-00008, on September 3, 2008, for a stationary rubber tire manufacturing facility. A letter requesting changes to the permit was received on November 2, 2011. BF Goodrich Tire Manufacturing has requested to relocate the existing White Side Wall (WSW) Grinders within the plant and install four (4) new centrifugal separators for control of particulate matter (PM) at its Woodburn, Indiana facility. Changes made to the affected permit conditions are included in this Significant Permit Modification.

Existing Approvals

The source was issued Part 70 Operating Permit Renewal No. T003-20341-00008 on March September 3, 2008. The source has since received the following approvals:

Permit Type	Permit Number	Issuance Date
First Significant Permit Modification	003-26647-00008	September 24, 2008
Second Significant Permit Modification	003-29089-00008	November 23, 2010
Third Significant Permit Modification	003-29948-00008	February 17, 2011

County Attainment Status

The source is located in Allen County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Attainment effective February 12, 2007, for the Fort Wayne area, including Allen County, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.
¹ Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM _{2.5} .	

- (a) **Ozone Standards**
 Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Allen County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

- (b) **PM_{2.5}**
 Allen County has been classified as attainment for PM_{2.5}. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM_{2.5} emissions. These rules became effective on July 15, 2008. On May 4, 2011 the air pollution control board issued an emergency rule establishing the direct PM_{2.5} significant level at ten (10) tons per year. This rule became effective, June 28, 2011. Therefore, direct PM_{2.5} and SO₂ emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability – Entire Source section.

- (c) **Other Criteria Pollutants**
 Allen County has been classified as attainment or unclassifiable in Indiana for all other pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

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

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 ₁₀	<250
PM _{2.5}	<250
SO ₂	<250
VOC	<250
CO	<250
NO _x	<250
GHG (CO ₂ e)	< 100,000
Single HAP	>10
Total HAPs	>25

- (a) This existing source is not a major stationary source under PSD (326 IAC 2-2) because no regulated pollutant, excluding GHG, is emitted at a rate of two hundred fifty (250) tons per year or more, emissions of GHG are less than one hundred thousand (100,000) tons of CO₂ equivalent (CO₂e) emissions per year, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(ff)(1).
- (b) This existing source is a major source of HAP, as defined in 40 CFR 63.2, 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).

Description of Proposed Modification

The source has requested to relocate the existing WSW Grinders within the plant and install four (4) new centrifugal separators for control of particulate matter (PM). Currently the existing WSW Grinders are co-located with other units and exhausting to the same centrifugal separators. As a result of the re-location of the WSW Grinders, the WSW Grinders will be exhausted to four (4) newly installed centrifugal separators. This re-location project will not result in increased throughput or new emissions, but it will result in new stacks for the centrifugal separators.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Permit Level Determination – Part 70

This modification will not change the potential to emit from the source, as no new equipment is being added and no changes are being made to the production processes at this source.

This 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 requires significant changes to existing compliance determination, monitoring, record keeping and reporting requirements.

Permit Level Determination – PSD

There are no changes to the PSD status for this source as a result of this modification.

Federal Rule Applicability

- (a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit for this source as part of this modification.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in the permit for this source as part of this modification.

The requirements of 40 CFR 63, Subpart XXXX, the National Emission Standards for Hazardous Air Pollutants for Rubber Tire Manufacturing, still apply to the WSW Grinders, and have not been changed as part of this modification.

State Rule Applicability Determination

326 IAC 6-3-2 (Particulate Emissions Limitations for Manufacturing Processes)

The WSW Grinders are still subject to the requirements of 326 IAC 6-3-2 (Particulate Emissions Limitations for Manufacturing Processes). These requirements were already included in the permit for the existing WSW Grinders and centrifugal separators as a separate limit, and therefore, will not change as a result of this modification.

State rules and compliance monitoring applicabilities shall remain unchanged as a result of this modification.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

Changes to the compliance determination and monitoring requirements are detailed in the Proposed Changes section of this document.

Proposed Changes

The permit has been administratively amended as follows with the deleted language as ~~strikeouts~~ and new language **bolded**. All changes to the table of contents will not be reproduced herein.

Modification No. 1: The relocation of the WSW Grinders has been denoted in the Emission Units and Pollution Control Equipment list, Section A.2 of the permit, by identifying it separately as follows:

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

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

* * *

- (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 centrifugal separators as control, exhausting at stacks 258-261, and 265-277. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (h) **One (1) white side wall (WSW) grinding area, constructed in 1961, modified in 2003, and relocated in 2011, with a maximum capacity of 35,467 pounds per hour, using centrifugal separators as control, exhausting at stacks 278 through 281. This unit is an affected facility under 40 CFR 63, Subpart XXXX.**
- (hi) One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum production capacity of 2,081 tires per hour or 33,646 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four process boilers to control VOC. This unit is an affected facility under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (ij) Miscellaneous solvent usage.

Modification No. 2: Section D.1 of the permit has been modified to include the new stacks and the relocation of the WSW Grinders, as follows:

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

* * *

- (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 centrifugal separators as control, exhausting at stacks 258-261, and 265-277. This unit is an affected facility under 40 CFR 63, Subpart XXXX.
- (h) **One (1) white side wall (WSW) grinding area, constructed in 1961, modified in 2003, and relocated in 2011, with a maximum capacity of 35,467 pounds per hour, using centrifugal separators as control, exhausting at stacks 278 through 281. This unit is an affected facility under 40 CFR 63, Subpart XXXX.**
- (hi) One (1) tread end cementing process consisting of lines #1 and #2, identified as EU-04, with a maximum production capacity of 2,081 tires per hour or 33,646 pounds per hour, constructed in 1961 and modified in 1990 and 1996, using particulate baffle filters, exhausting to one of the four process boilers to control VOC. This unit is an affected facility under 40 CFR 60, Subpart BBB and 40 CFR 63, Subpart XXXX.
- (ij) Miscellaneous solvent usage.

(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 PSD Minor Limits [326 IAC 2-2]

The total VOC emissions from the one (1) Banbury mixing area, identified as EU-02, the one (1) white sidewall (WSW) grinder ~~area, and the~~ tire uniformity optimizer (TUO) module area, the one (1) component preparation area, identified as EU-03, the one (1) tire curing process, identified as EU-05, the one (1) tread end cementing process, identified as EU-04, the one (1) green tire spray operation, the one (1) protectant spray operation, and the source-wide solvent use shall not exceed 243.2 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

* * *

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

D.1.6 Monitoring [40 CFR 64]

* * *

- (c) Visible emission notations of the WSW grinding **area stack exhausts (stacks 278 to 281)**, and **the** 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.

* * *

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

D.1.9 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.6(a), (b), and (c), the Permittee shall maintain records of daily visible emission notations of the stack exhaust from 197, 200, 208, 210, 258 to 261, 265 to 277, **278 to 281**, and 356A to 356D. The Permittee shall include in its daily record when a visible emission reading is not taken and the reason for the lack of these readings (e.g. the process did not operate that day).

* * *

Recommendation

The staff recommends to the Commissioner that this Significant Permit Modification to the Part 70 Operating Permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from information submitted by the applicant.

Information for the purposes of this review was received on November 2, 2011.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Angela Taylor at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5329 or toll free at 1-800-451-6027 extension 4-5329.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

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

TO: Matt Stuart
BF Goodrich Tire Manufacturing
PO Box 277
Woodburn, IN 46797

DATE: January 10, 2012

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

SUBJECT: Final Decision
Significant Permit Modification
003-31089-00008

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

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

A copy of the final decision and supporting materials has also been sent via standard mail to:
William Johnson – Plant Manager
Ginger Ellis – Regulatory Strategies
OAQ Permits Branch Interested Parties List

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

Final Applicant Cover letter.dot 11/30/07



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Commissioner

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January 10, 2012

TO: Allen County Public Library

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

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

Applicant Name: BF Goodrich Tire Manufacturing
Permit Number: 003-31089-00008

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

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

Enclosures
Final Library.dot 11/30/07

Mail Code 61-53

IDEM Staff	GHOTOPP 1/10/2012 BF Goodrich Tire Manufacturing 003-31089-00008 Final		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
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1		Matt Stuart BF Goodrich Tire Manufacturing PO Box 277 Woodburn IN 46797-0277 (Source CAATS) vi a confirmed delivery										
2		William Johnson Plant Mgr BF Goodrich Tire Manufacturing PO Box 277 Woodburn IN 46797-0277 (RO CAATS)										
3		Daniel & Sandy Trimmer 15021 Yellow River Road Columbia City IN 46725 (Affected Party)										
4		Duane & Deborah Clark Clark Farms 6973 E. 500 S. Columbia City IN 46725 (Affected Party)										
5		Fort Wayne City Council and Mayors Office One Main Street Fort Wayne IN 46802 (Local Official)										
6		Mr. John E. Hampton Plumbers & Steamfitters, Local 166 2930 W Ludwig Rd Fort Wayne IN 46818-1328 (Affected Party)										
7		Ginger Ellis Regulatory Strategies 1020 Ladys Lane Anderson SC 29621 (Consultant)										
8		Allen Co. Board of Commissioners One Main St. Fort Wayne IN 46802 (Local Official)										
9		Woodburn Town Council and Mayors Office 4417 Bull Rapids Rd. Woodburn IN 46797 (Local Official)										
10		Fort Wayne-Allen County Health Department 200 E Berry St Suite 360 Fort Wayne IN 46802 (Health Department)										
11		Allen County Public Library 4701 State Road 101 North Fort Wayne IN 46797 (Library)										
12		Ms. Diane Schaper 5630 N. Sampson Rd Woodburn IN 46797 (Affected Party)										
13		Ms. Ann Corral 4327 Locust Spring Place Fort Wayne IN 46804 (Affected Party)										
14		Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 (Affected Party)										
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