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

Mr. Dan R Rose
Bemis Company, Inc.
1350 N Fruitridge Ave
Terre Haute, IN 47804

Re: 167-31309-00033
Significant Permit Modification to:
Part 70 Operating Permit Renewal No.: T167-27050-00033

Mr. Dan Rose,

Bemis Company, Inc. was issued Part 70 Operating Permit Renewal No. T167-27050-00033 on October 28, 2009, for a stationary polyethylene film plant. An application to modify this permit was received on December 19, 2011, relating to construction and operation of one (1) new Flexographic printing press, identified as press #41. Pursuant to the provisions of 326 IAC 2-7-12, a significant permit modification 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 Swarna Prabha, OAQ, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana, 46204-2251, or call at (800) 451-6027, and ask for Swarna Prabha or extension 4-5376, or dial (317) 234-5367.

Sincerely,

Chrystal A. Wagner, Section Chief
Permits Branch
Office of Air Quality

Attachments

SP

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

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Part 70 Operating Permit Renewal
OFFICE OF AIR QUALITY

Bemis Company, Inc.
1350 North Fruitridge Avenue
Terre Haute, Indiana 47804

(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. This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-7-10.5, applicable to those conditions.

Operation Permit No.: T167-27050-00033	
Issued by: / *Original signed by:* Chrystal A. Wagner, Section Chief Permits Branch Office of Air Quality	Issuance Date: October 28, 2009 Expiration Date: October 28, 2014

Significant Permit Modification No.: T167-31309-00033	
Issued by: Chrystal A. Wagner, Section Chief Permits Branch Office of Air Quality	Issuance Date: Expiration Date: October 28, 2014

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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 polyethylene film plant including film production, printing, and converting operations.

Source Address:	1350 North Fruitridge Avenue, Terre Haute, Indiana 47804
General Source Phone Number:	(812) 460-6200
SIC Code:	2673, 3081
County Location:	Vigo
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source, under PSD Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [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) Flexographic printing press, identified as press #1, installed in 1980, using no control, and exhausting to stack 201.

(b) Flexographic printing press, identified as press #2, installed in 1970, using no control, and exhausting to stack 202.

(c) Flexographic printing press, identified as press #8, installed in 1974, using no control, and exhausting to stack 208.

(d) Flexographic printing press, identified as press #9, installed in 1973, using no control, and exhausting to stack 209.

(e) Flexographic printing press, identified as press #10, installed in 1980, using no control, and exhausting to stack 210.

(f) Flexographic printing press, identified as press #11, constructed in 1986, using oxidation for control, and exhausting to stack 15.

(g) Flexographic printing press, identified as press #12, constructed in 1986, using oxidation for control, and exhausting to stack 15.

(h) Flexographic printing press, identified as press #13, constructed in 1987, using oxidation for control, and exhausting to stack 15.

(i) Flexographic printing press, identified as press #14, constructed in 1987, using oxidation for control, and exhausting to stack 15.

(j) Flexographic printing press, identified as press #15, constructed in 1987, using oxidation for control, and exhausting to stack 15.

(k) Flexographic printing press, identified as press #16, constructed in 1987, using oxidation for control, and exhausting to stack 15.

(l) Flexographic printing press, identified as press #17, constructed in 1990, using oxidation for control, and exhausting to stack 15.

(m) Flexographic printing press, identified as press #18, constructed in 1990, using oxidation for control, and exhausting to stack 15.

(n) Flexographic printing press, identified as press #19, constructed in 1990, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(o) Flexographic printing press, identified as press #20, constructed in 1990, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(p) Flexographic printing press, identified as press #21, constructed in 1991, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(q) Flexographic printing press, identified as press #22, constructed in 1991, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(r) Flexographic printing press, identified as press #23, constructed in 1994, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14..

(s) Flexographic printing press, identified as press #24, constructed in 1994, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(t) Flexographic printing press, identified as press #25, constructed in 1994, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(u) Flexographic printing press, identified as press #27, constructed in 1997, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(v) Flexographic printing press, identified as press #28, constructed in 1997, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(w) Flexographic printing press, identified as press #29, constructed in 1997, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(x) Flexographic printing press, identified as press #30, constructed in 1997, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(y) Flexographic printing press, identified as press #31, constructed in 2000, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(z) Flexographic printing press, identified as press #32, constructed in 2000, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(aa) Flexographic printing press, identified as press #33, constructed in 2003, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(bb) Flexographic printing press, identified as press #34, constructed in 2001, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(cc) Flexographic printing press, identified as press #35, constructed in 2001, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(dd) Flexographic printing press, identified as press #36, constructed in 2004, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ee) Flexographic printing press, identified as press #37, constructed in 2006, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ff) Flexographic printing press, identified as press #38, constructed in 2006, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(gg) Flexographic printing press, identified as press #39, constructed in 2007, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(hh) Flexographic printing press, identified as press #40, constructed in 2007, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ii) One (1) Flexographic printing press, identified as press #41, approved in 2012 for construction, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(jj) Closed solvent spray type parts washer exhausting to stack 20.

(kk) Cyrel plate making facility, constructed in 1993, exhausting to stack 23.

(ll) Catalytic oxidizer, identified as I5, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 5.

(mm) Catalytic oxidizer, identified as I6, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 6.

(nn) Catalytic oxidizer, identified as I7, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 7.

(oo) Catalytic oxidizer, identified as I8, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 8.

(pp) Catalytic oxidizer, identified as I9, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 4.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 9.

(qq) Catalytic oxidizer, identified as I10, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 4.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 10.

(rr) Catalytic oxidizer, identified as I11, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 3.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29 #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, and/or #41, and exhausting to stack 11.

(ss) Catalytic oxidizer, identified as I12, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 3.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 12.

(tt) Regenerative thermal oxidizer, identified as I13, with a maximum air flow rate of 55000 CFM, and a maximum heat input rating of 10 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 13.

(uu) Regenerative thermal oxidizer, identified as I14, with a maximum air flow rate of 55000 CFM, and a maximum heat input rating of 10.0 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 14.

(vv) Regenerative thermal oxidizer, identified as I15, with a maximum air flow rate of 40000 CFM, and a maximum heat input rating of 7.3 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #11, #12, #13, #14, #15, #16, #17, and/or #18, and exhausting to stack 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)]

This stationary source does not include any insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21).

A.4 Part 70 Permit Applicability [326 IAC 6.5-1]

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, T009-26248-00004, 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 or of permits issued pursuant to Title IV of the Clean Air Act and 326 IAC 21 (Acid Deposition Control).

(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] [IC 13-17-12]

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

B.5 Severability [326 IAC 2-7-5(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 this 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 meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

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

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

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

The Permittee shall implement the PMPs.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance

causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(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 Office of Air Quality, 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 T009-26248-00004 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, except for permits issued pursuant to Title IV of the Clean Air Act and 326 IAC 21 (Acid Deposition Control)

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 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.16 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.17 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12] [40 CFR 72]

(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) Pursuant to 326 IAC 2-7-11(b) and 326 IAC 2-7-12(a), administrative Part 70 operating permit amendments and permit modifications for purposes of the acid rain portion of a Part 70 permit shall be governed by regulations promulgated under Title IV of the Clean Air Act. [40 CFR 72]

(c) 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).

(d) 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.18 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.19 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.

(f) This condition does not apply to emission trades of SO_2 or NO_X under 326 IAC 21 or 326 IAC 10-4.

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.21 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.22 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.23 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.24 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 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.2 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.3 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.4 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.5 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 Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

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

C.6 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.7 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.8 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 of initial start-up, whichever is later, to begin such monitoring. If due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial startup, whichever is later, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

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.9 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.10 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

(a) The Permittee shall maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.

(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.11 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.12 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.13 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.14 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]

In accordance with the compliance schedule specified in 326 IAC 2-6-3(b)(1), 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.15 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(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(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) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) 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.16 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(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) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

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

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS: Presses and Oxidizers

Facility Description [326 IAC 2-7-5(15)]:

(f) Flexographic printing press, identified as press #11, constructed in 1986, using oxidation for control, and exhausting to stack 15.

(g) Flexographic printing press, identified as press #12, constructed in 1986, using oxidation for control, and exhausting to stack 15.

(h) Flexographic printing press, identified as press #13, constructed in 1987, using oxidation for control, and exhausting to stack 15.

(i) Flexographic printing press, identified as press #14, constructed in 1987, using oxidation for control, and exhausting to stack 15.

(j) Flexographic printing press, identified as press #15, constructed in 1987, using oxidation for control, and exhausting to stack 15.

(k) Flexographic printing press, identified as press #16, constructed in 1987, using oxidation for control, and exhausting to stack 15.

(l) Flexographic printing press, identified as press #17, constructed in 1990, using oxidation for control, and exhausting to stack 15.

(m) Flexographic printing press, identified as press #18, constructed in 1990, using oxidation for control, and exhausting to stack 15.

(n) Flexographic printing press, identified as press #19, constructed in 1990, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(o) Flexographic printing press, identified as press #20, constructed in 1990, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(p) Flexographic printing press, identified as press #21, constructed in 1991, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(q) Flexographic printing press, identified as press #22, constructed in 1991, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(r) Flexographic printing press, identified as press #23, constructed in 1994, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14..

(s) Flexographic printing press, identified as press #24, constructed in 1994, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(t) Flexographic printing press, identified as press #25, constructed in 1994, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(u) Flexographic printing press, identified as press #27, constructed in 1997, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(v) Flexographic printing press, identified as press #28, constructed in 1997, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(w) Flexographic printing press, identified as press #29, constructed in 1997, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(x) Flexographic printing press, identified as press #30, constructed in 1997, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(y) Flexographic printing press, identified as press #31, constructed in 2000, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(z) Flexographic printing press, identified as press #32, constructed in 2000, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(aa) Flexographic printing press, identified as press #33, constructed in 2003, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(bb) Flexographic printing press, identified as press #34, constructed in 2001, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(cc) Flexographic printing press, identified as press #35, constructed in 2001, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(dd) Flexographic printing press, identified as press #36, constructed in 2004, using oxidation as control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ee) Flexographic printing press, identified as press #37, constructed in 2006, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ff) Flexographic printing press, identified as press #38, constructed in 2006, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(gg) Flexographic printing press, identified as press #39, constructed in 2007, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(hh) Flexographic printing press, identified as press #40, constructed in 2007, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ii) One (1) Flexographic printing press, identified as press #41, approved in 2012 for construction, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ll) Catalytic oxidizer, identified as I5, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 5.

(mm) Catalytic oxidizer, identified as I6, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 6.

(nn) Catalytic oxidizer, identified as I7, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29,

#30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 7.

(oo) Catalytic oxidizer, identified as I8, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 8.

(pp) Catalytic oxidizer, identified as I9, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 4.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 9.

(qq) Catalytic oxidizer, identified as I10, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 4.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 10.

(rr) Catalytic oxidizer, identified as I11, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 3.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29 #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 11.

(ss) Catalytic oxidizer, identified as I12, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 3.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 12.

(tt) Regenerative thermal oxidizer, identified as I13, with a maximum air flow rate of 55000 CFM, and a maximum heat input rating of 10 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40 and/or #41, and exhausting to stack 13.

(uu) Regenerative thermal oxidizer, identified as I14, with a maximum air flow rate of 55000 CFM, and a maximum heat input rating of 10.0 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, and/or #41 and exhausting to stack 14.

(vv) Regenerative thermal oxidizer, identified as I15, with a maximum air flow rate of 40000 CFM, and a maximum heat input rating of 7.3 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #11, #12, #13, #14, #15, #16, #17, and/or #18, and exhausting to stack 15.

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

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

D.1.1 Prevention of Significant Deterioration - Best Available Control Technology (BACT) [326 IAC 2-2]

Pursuant to 326 IAC 2-2, PSD/SPM 167-21257-00033, issued on November 13, 2006, and SPM 167-23850-00033, issued on May 22, 2007, the PSD BACT for Bemis Company, Inc. shall be the following:

(a) Whenever any of presses #11, #12, #13, #14, #15, #16, #17, or #18 is applying VOC-containing materials, the exhaust from that press shall be vented through the operating Plant 1 oxidation control system consisting of oxidizer I15. Each press shall have a capture system efficiency of 100%. The oxidation control system shall have a minimum destruction efficiency of 95%.

(b) Whenever any of presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #37, #38, #39 or #40 is applying VOC-containing materials, the exhaust from that press shall be vented through the operating Plant 2 oxidation control system consisting of oxidizers I5, I6, I7, I8, I9, I10, I11, I12, I13, and I14. Each press shall have a capture system efficiency of 100%. The oxidation control system shall have a minimum destruction efficiency of 95%.

(c) The capture system for presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #37, #38, #39 and #40 shall be considered to achieve one-hundred percent (100%) capture efficiency if the system meets the following criteria for a Permanent or Temporary Total Enclosure under EPA Method 204:

(1) Any Natural Draft Opening (NDO) shall be at least four (4) equivalent opening diameters from each VOC emitting point.

(2) Any exhaust point from the enclosure shall be at least four (4) equivalent duct or hood diameters from each NDO.

(3) The total area of all NDOs shall not exceed 5 percent of the surface area of the enclosure's four walls, floor, and ceiling.

(4) The average facial velocity (FV) of air through all NDOs shall be at least 3,600 meters per hour (200 feet per minute). The direction of airflow through all NDOs shall be into the enclosure.

(5) All access doors and windows whose areas are not included in (3) and are not included in the calculation in (4) shall be closed during routine operation of the process.

(6) All VOC in the enclosure emissions must be captured and contained for discharge through its respective control system.

Where:
Natural Draft Opening (NDO) - Any permanent opening in the enclosure that remains open during operation of the facility and is not connected to a duct in which a fan is installed.

Permanent Total Enclosure (PTE) - A permanently installed enclosure that completely surrounds a source of emissions such that all VOC emissions are captured and contained for discharge through a control device.

Temporary Total Enclosure (TTE) - A temporarily installed enclosure that completely surrounds a source of emissions such that all VOC emissions are captured by the enclosure and contained for discharge through ducts that allow for the accurate measurement of VOC rates.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 2-2]

(a) Pursuant to SSM 167-18122-00033, issued on May 3, 2004, and revised through T167-6182-00033, issued on June 28, 2004, the following conditions apply:

(i) The annual VOC usage on press #36 shall be limited such that the potential to emit does not exceed 39.99 tons, considering the most recent determination of capture and destruction. Compliance with this limit shall be determined at the end of each month based on the previous 12 months. Compliance shall be documented using the following equation: (Printing VOC usage) * (1 - overall control efficiency) + Cleanup VOC loss < 39.99 tons. Compliance with this condition shall render this press not subject to the provisions of 326 IAC 2-2, Prevention of Significant Deterioration (PSD).

(ii) Whenever press #36 is applying VOC-containing materials, the press exhaust shall be vented through the operating oxidation control system. The oxidation control system controlling press #36 shall maintain a minimum overall control efficiency of 80.75% for VOC emissions.

(b) The following conditions make 326 IAC 2-2 (Prevention of Significant Deterioration(PSD)) not applicable:

(i) The annual VOC usage at press #41 shall be limited such that the potential to emit is less than 39.99 tons, considering the most recent determination of capture and destruction efficiencies. Compliance with this limit shall be determined at the end of each month based on the previous 12 months. Compliance shall be documented using the following equation: (Printing VOC usage) * (1 - overall control efficiency) + Cleanup VOC loss < 39.99 tons. Compliance with this condition renders this press not subject to the provisions of 326 IAC 2-2, Prevention of Significant Deterioration (PSD).

(ii) Whenever press #41 is applying VOC-containing materials, the press exhaust shall be vented through the operating oxidation control system. The oxidation control system controlling press #41 shall maintain a minimum overall control efficiency of 95% for VOC emissions.

D.1.3 Volatile Organic Compounds (VOC) [326 IAC 8-5-5]

(a) Pursuant to 326 IAC 8-5-5(e)(2)(A), the VOC capture system for presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, and #25, in combination with the catalytic/regenerative thermal oxidation system, shall be operated in such a manner to attain and maintain a minimum 65% overall control efficiency for flexographic printing.

(b) Pursuant to 326 IAC 8-5-5(e)(2)(C), the VOC capture system for presses #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39, #40 and #41, in combination with the catalytic/regenerative thermal oxidation system, shall be operated in such a manner to attain and maintain a minimum 75% overall control efficiency for flexographic printing.

(c) Pursuant to 326 IAC 8-5-5(c)(3)(B), the catalytic oxidizers (I5, I6, I7, I8, I9, I10, I11 and I12) and regenerative thermal oxidizers (I13, I14, and I15) shall maintain a minimum destruction efficiency of 90%.

(d) Pursuant to 326 IAC 8-5-5(f), the Permittee shall use work practices to minimize VOC emissions from cleaning operations. Work practices shall include, but not be limited to, the following:

(1) When not in use, all cleaning materials shall be kept in closed containers.

(2) Cleaning materials shall be conveyed from one (1) location to another in closed containers or pipes.

Compliance Determination Requirements

D.1.4 Testing Requirements [326 IAC 2-7-6(1), (6)] [326 IAC 2-1.1-11]

(a) Testing requirements for the destruction efficiency of the thermal and catalytic oxidizers are as follows:

(1) Not later than one hundred eighty (180) days after start-up of oxidizers, the Permittee shall conduct a performance test to verify the VOC destruction efficiency as per Conditions D.1.1, D.1.2, and D.1.3, utilizing methods as approved by the Commissioner.

(2) Testing of the catalytic oxidizers (I5, I6, I7, I8, I9, I10, I11 and I12), to verify their destruction efficiencies, was performed on April 12-15, 2011.

(3) Testing of the oxidizer (I13) to verify the destruction efficiency was performed on May 15, 2007.

(4) Testing of the oxidizer (I14) to verify the destruction efficiency was performed on May 6, 2009.

(5) Testing of the oxidizer (I15) to verify the destruction efficiency was performed on March 31, 2009.

(6) The destruction efficiency testing shall be repeated at least once every 5 years from the date of the most recent valid compliance demonstration.

(b) Testing requirements for the capture efficiency of the flexographic presses are as follows:

(1) Testing of presses #11 and #12, to verify their system captures efficiencies, was performed on June 27, 2005.

(2) Testing of presses #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, and #35, to verify their capture efficiencies, was performed on January 3 - 4, 2007.

(3) Testing of presses #37 and #38, to verify their capture efficiency, was performed on April 17, 2006.

(4) Testing of press #36, to verify its capture efficiency, was performed on October 27, 2004.

(5) Testing of press #39 and #40, to verify their capture efficiency, was performed on December 11, 2007.

(6) Testing of press #41, to verify its capture efficiency, shall be performed not laterthan 180 days after start-up of press #41.

(7) The capture efficiency test shall be repeated for a press in this section whenever a reconfiguration or change in the design of that press is made and for those instances where operating parameters indicate that a fundamental change has taken place in the operation of these presses, which include any of the following:

(A) The addition of print station to a press;

(B) Increasing or decreasing the volumetric flow rate from the dryer (e.g, by changing the size of press fans/motors or removal or derating of dryers); or

(C) Changing the static duct pressure.

(c) Testing shall be conducted in accordance with Section C - Performance Testing.

D.1.5 Oxidizer Grouping

(a) Regenerative thermal oxidizers (RTOs) I13, I14, and catalytic oxidizers I5, I6, I7, I8, I9, I10, I11, I12 have been interconnected with a common press exhaust plenum to form an oxidization control system for plant 2. As a control system, the captured VOC emissions from any operating press are exhausted to this common press exhaust plenum and primarily controlled by the RTOs.

(b) To prevent an uncontrolled release of captured VOC emissions:

(1) Before any press can operate, the total expected flow rate from all operating presses must be less than or equal to the total maximum flow rate capacity of all operating oxidizers in the oxidation control system.

(2) The combined exhaust flow of all the presses in operation shall not exceed the combined airflow capacity of the oxidizers that are in operation at any time.

(3) In the event of an oxidizer malfunction that could result in the uncontrolled release of captured VOC emissions, the oxidizer shall be immediately removed from the oxidization control system and the press exhaust flow handled by that oxidizer diverted to the other operating oxidizer(s) in the control system. If the oxidization control system no longer has capacity to handle the exhaust flow from the operating presses, presses are to be shut down until the total press exhaust flow is less than or equal to the operating oxidation system capacity. Any press shut down in response to an oxidizer failure can be restarted as soon as additional oxidation capacity is brought online or other presses are shutdown.

(4) In the event of a T-damper malfunction that could result in the uncontrolled release of captured VOC emissions, the connected press shall be immediately shut down.

(5) A log of all such oxidation control system malfunctions shall be kept and made available to the Office of Air Quality (OAQ) upon request. The log shall contain, as a minimum, the date and time of the occurrence, a description of the occurrence, and, if facility intervention is required, a description of the corrective action(s).

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

D.1.6 Oxidizer Temperature [326 IAC 2-2]

(a) A continuous monitoring system shall be calibrated, maintained, and operated for measuring operating temperature of each oxidizer in the control system used to control

emissions from presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39 #40 and #41. For the purpose of this condition, continuous means no less than once per minute. The operating temperature for the catalytic oxidizers (I5, I6, I7, I8, I9, I10, I11 and I12) is the catalyst bed inlet temperature and the operating temperature for the regenerative thermal oxidizers (I13**,** I14, and I15) is the combustion zone temperature. The output of this system shall be recorded as a three (3) hour average.

(b) The Permittee shall determine the three (3) hour average operating temperature of each oxidizer in the control system from the most recent valid performance test that demonstrates compliance with the limits in Conditions D.1.1 and D.1.2, as approved by IDEM.

(c) The Permittee shall take appropriate response. Whenever the three (3) hour average operating temperature of any oxidizer in the control system is below the three (3) hour average operating temperature as observed during the most recent, approved, compliant performance test. A three (3) hour average operating temperature that is below the three (3) hour average operating temperature as observed during the most recent, approved, compliant performance test is not a deviation from this permit. Section C – Response to Excursions and 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 [326 IAC 2-2]

(a) The Permittee shall establish the appropriate monitoring parameter for each press (duct pressure, or fan amperage, or differential pressure, or other parameter as approved by IDEM) from the most recent performance test that demonstrates compliance with the VOC limits in Condition D.1.1, D.1.2, and D.1.3.

(b) The Permittee shall maintain the following monitoring parameter value for Press #36 for each day the press is operating as an indication that capture is being attained: Duct pressure or fan amperage - The Permittee shall maintain the flow indicator parameter at a value at least eight-five percent (85%) of the value as established during the most recent performance test.

(c) The Permittee shall maintain one of the following monitoring parameter values for each press enclosed in a PTE for each day the press is operating as an indication that 100 percent capture is being attained:

(1) Differential pressure - The Permittee shall maintain a differential pressure at a value of negative (-) 0.007 inches of water column or less, or

(2) Differential pressure - The Permittee shall maintain a differential pressure at or less than a value demonstrated during the most recent performance test as being sufficient to meet the 200 feet/min face velocity at all NDOs.

(d) The established monitoring parameter value shall be observed at least once per day for each day the press is operating.

D.1.8 Compliance Assurance Monitoring (CAM) [40 CFR Part 64]

Pursuant to 40 CFR Part 64, the Permittee shall comply with the following compliance assurance monitoring requirements for presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39, #40 and #41:

(a) Monitoring Approach for Permanent Total Enclosures Utilizing Pressure Differential.

	Indicator #1	Indicator #2	Indicator # 3
I. Indicator	Work Practice	Work Practice	Pressure differential
Measurement Approach	Inspect the operational condition of the control device bypass damper, the integrity of the exhaust system from the process to the control device, and the integrity of the enclosure.	Inspect operational condition of bypass damper position interlock.	Monitor pressure differential across the enclosure wall and the surrounding atmosphere.
II. Indicator Range	An excursion is identified as any finding that the integrity of the bypass damper, the exhaust system ductwork, or the enclosure has been compromised.	An excursion is identified as any finding that the bypass interlock is inoperative.	An excursion is defined as a pressure differential of less than negative (-) 0.007" w.c. for 5 consecutive minutes while the process is operating; alternatively, a smaller differential (i.e., less than negative (-) 0.007" w.c.) can be used as the indicator if such differential is demonstrated as adequate to satisfy the permanent total enclosure with Method 204 criteria. Alternatively, a three hour average value can be used as the indicator range.
Corrective Action	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Any excursion shall require that the process be immediately shut down and remain down until the problem can be corrected. Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.
III. Performance Criteria			
A. Data Representativeness	Properly positioned dampers, leak-free ductwork and a leak-free enclosure of the process will assure that all of the exhaust will reach the control device. Inspections will identify problems.	Properly operating interlocks will assure that the processes will be shut down if the bypass damper is open to atmosphere.	The monitor measures the pressure differential at the interface between the wall of the enclosure and surrounding atmospheres.
B. Verification of Operational Status	Inspection records.	Inspection records.	The Permittee must have valid data from at least 90 percent of the hours during which the process operated.
C. QA/QC Practices and Criteria	Not applicable.	Not applicable.	Validation of instrument calibration conducted annually. Compare to calibrated meter, or calibrate using pressure standard, or according to manufacturer's instructions.
D. Monitoring Frequency	Quarterly	Annually	Monitor continuously.

	Indicator #1	Indicator #2	Indicator # 3
Data Collection Procedure	Record results of inspections and observations.	Record results of inspections and observations.	Record at least once every minute on a chart or electronic media.
Averaging Period	Not applicable.	Not applicable	Not applicable if using any measured value as the indicator; Three hours if using 3-hour average as the indicator.
E. Recordkeeping	Maintain for a period of 5 years records of inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of data and of corrective actions taken in response to excursions.
F. Reporting	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.
Frequency	Quarterly	Annually.	Quarterly

(b) Monitoring Approach for Unenclosed Presses

	Indicator # 1	Indicator #2	Indicator #3[a]
I. Indicator	Work Practice	Work Practice	Work Practice
Measurement Approach	Inspect the integrity of the exhaust system from the process to the control device.	Inspect operational condition of all interlocks, including: between color dryer flow; and tunnel oven flow.	Use a smoke stick or equivalent approach to assure that the dryer is negative to the surrounding atmosphere.
II. Indicator Range	An excursion is defined as any finding that the integrity of the exhaust system has been compromised.	An excursion is defined as any finding that any interlock is inoperative.	General overflow of smoke should be into the dryer web slot or application area.
Corrective Action	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Any excursion shall require that the process be immediately shut down and remain down until the problem can be corrected. Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Press can not be operated until negative flow into the dryer system or application area is demonstrated. Each excursion triggers an assessment of the problem, corrective action, and a reporting requirement.
III. Performance Criteria			
A. Data Representativeness	Properly positioned dampers and leak free ductwork will assure that all of the normally captured exhaust will reach the control device. Inspections will identify problems.	Properly operating interlocks will assure that the process will be shut down if there is insufficient flow or the bypass damper is open to atmosphere.	Monitoring approach will assure the dryer is set to properly contain supply air and the airflow is into the application area.
B. Verification of Operational Status	Inspection records.	Inspection records.	Not applicable
C. QA/QC Practices and Criteria	Not applicable	Not applicable	Not applicable

D. Monitoring Frequency	Quarterly	Annually.	Whenever the location of the dryer is disrupted. (This may not be necessary for two piece dryers.)
Data Collection Procedure	Record results of inspections and observations.	Record results of inspections and observations	Not applicable
Averaging Period	Not applicable.	Not applicable.	Not applicable.
E. Recordkeeping	Maintain for a period of 5 years records of Inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of Inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of inspections and of corrective actions taken in response to excursions.
F. Reporting	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.
Frequency	Quarterly	Annually.	Quarterly

[a] Indicator #3 is only necessary for unenclosed presses with variable placement settings for the between color dryer cans.

(c) Monitoring Approach for Catalytic Oxidizers

	Indicator #1	Indicator #2	Indicator #3	Indicator #4
I. Indicator	Catalyst bed inlet temperature.	Work practice/inspection.	Performance test	Catalyst activity analysis.
Measurement Approach	Continuously monitor the operating temperature of the oxidizer catalyst bed.	Inspect internal and external structural integrity of oxidizer to ensure proper operation.	Conduct emissions test to demonstrate compliance with permitted destruction efficiency.	Determine the catalyst activity level by evaluating the conversion efficiency.
II. Indicator Range	An excursion is identified as any 3-hour period when the average operating temperature is less than the average operating temperature demonstrated during the most recent compliant performance test.	An excursion is identified as any finding that the structural integrity of the oxidizer has been jeopardized and it no longer operates as designed.	An excursion is identified as any finding that the oxidizer does not meet the permitted destruction efficiency.	The catalyst conversion efficiency is evaluated and compared to typical values for fresh catalyst. An excursion is identified as a finding that the conversion efficiency is beyond the operational range of the catalyst as defined by the manufacturer.
Corrective Action	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an inspection, corrective action and a reporting requirement.
III. Performance Criteria				
A. Data Representativeness	Any temperature-monitoring device employed to measure the Catalyst bed inlet temperature shall be accurate to within 1.0% of temperature measured or ±1°C, whichever is greater.	Inspections of the oxidizer system will identify problems.	A test protocol shall be prepared and approved by IDEM prior to conducting the performance test.	Analysis will determine the conversion efficiency of the catalyst.

	Indicator #1	Indicator #2	Indicator #3	Indicator #4
B. Verification of Operational Status	Temperatures recorded on chart paper or electronic media. The Permittee must have valid data from at least 90 percent of the hours during which the process operated.	Inspection records.	Not applicable.	Not applicable
C. QA/QC Practices and Criteria	Validation of temperature system conducted annually. Acceptance criteria $\pm$ 20°F.	Not applicable.	EPA test methods approved in protocol.	Not applicable.
D. Monitoring Frequency	Measured continuously	• External inspection - annually • Internal inspection - annually.	Once every five years.	Annually.
Data Collection Procedure	Recorded at least every 15-minutes on a chart or electronic media.	Record results of inspections and observations.	Per approved test method.	Record results of catalyst sample analyses.
Averaging Period	Three hours.	Not applicable.	Not applicable.	Not applicable.
E. Record Keeping	Maintain for a period of 5 years records of chart recorder paper or electronic media and corrective actions taken in response to excursions.	Maintain for a period of 5 years records of inspections and corrective actions taken in response to excursions.	Maintain a copy of the test report for 5 years or until another test is conducted. Maintain records of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of dates of catalyst sampling, initials of person conducting sampling, catalyst analysis and corrective actions taken in response to excursions.
F. Reporting	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.	Submit test protocol and notification of testing to IDEM at least 35 days prior to test date. Submit test report 45 days after conducting a performance test.	Number, duration, cause of any excursion and the corrective action taken.
Frequency	Quarterly	Annually.	For each performance test conducted.	Annually.

(d) Monitoring Approach for Regenerative Thermal Oxidizers:

	Indicator #1	Indicator #2	Indicator #3
I. Indicator	Oxidizer combustion zone temperature.	Work practice/inspection.	Performance test
Measurement Approach	Continuously monitor the operating temperature of the oxidizer combustion zone.	Inspect internal and external structural integrity of oxidizer to ensure proper operation.	Conduct emissions test to demonstrate compliance with permitted destruction efficiency.
II. Indicator Range	An excursion is identified as any 3-hour period when the average operating temperature is less than the average operating temperature demonstrated during the most recent compliant performance test.	An excursion is identified as any finding that the structural integrity of the oxidizer has been jeopardized and it no longer operates as designed.	An excursion is identified as any finding that the oxidizer does not meet the permitted destruction efficiency.

	Indicator #1	Indicator #2	Indicator #3
Corrective Action	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.
III. Performance Criteria			
A. Data Representativeness	Any temperature-monitoring device employed to measure the oxidizer combustion zone temperature shall be accurate to within 1.0% of temperature measured or ±1°C, whichever is greater.	Inspections of the oxidizer system will identify problems.	A test protocol shall be prepared and approved by the IDEM prior to conducting the performance test.
B. Verification of Operational Status	Temperatures recorded on chart paper or electronic media. The Permittee must have valid data from at least 90 percent of the hours during which the process operated.	Inspection records.	Not applicable.
C. QA/QC Practices and Criteria	Validation of temperature system conducted annually. Acceptance criteria ± 20°F.	Not applicable.	EPA test methods approved in protocol.
D. Monitoring Frequency	Measured continuously	External Inspection - annually Internal inspection - annually.	Once every five years.
Data Collection Procedure	Recorded at least every 15-minutes on a chart or electronic media.	Record results of inspections and observations.	Per approved test method.
Averaging Period	Three hours.	Not applicable.	Not applicable.
E. Record Keeping	Maintain for a period of 5 years records of chart recorder paper or electronic media and corrective actions taken in response to excursions.	Maintain for a period of 5 years records of inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain a copy of the test report for 5 years or until another test is conducted. Maintain records of corrective actions taken in response to excursions.
F. Reporting	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.	Submit test protocol and notification of testing to IDEM at least 35 days prior to test date. Submit test report 45 days after conducting a performance test.
Frequency	Quarterly.	Annually.	For each performance test conducted.

D.1.9 Monitoring

(a) The Permittee shall conduct quarterly inspections of all components relating to the capture system for presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39 #40 and #41. If a condition exists which should result in a response steps. Section C – Response to Excursions and 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.

(b) The Permittee shall also conduct annual sampling and testing of the catalyst utilized in the eight (8) catalytic oxidizers (I5, I6, I7, I8, I9, I10, I11, and I12) in order to determine if it has reached a point where its effectiveness is diminished to where compliance with the minimum destruction efficiency is at risk. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps. Section C –

Response to Excursions and 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.1.10 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.1, D.1.3, D.1.6, and D.1.7 the Permittee shall maintain records in accordance with (1), (2), and (3) below.

(1) The continuous inlet temperature to the catalyst bed (reduced to a three-hour average basis) for the catalytic oxidizers I5, I6, I7, I8, I9, I10, I11, and I12 and the three (3) hour average inlet temperature to the catalyst bed used to demonstrate compliance during the most recent compliant performance test.

(2) The continuous combustion zone temperature (reduced to a three-hour average basis) for the oxidizers I13, I14, and I15 and the three (3) hour average combustion zone temperature used to demonstrate compliance during the most recent compliant performance test.

(3) Daily record of the monitoring parameter value (duct pressure, or fan amperage, or differential pressure, or other parameter as approved by IDEM).

(b) To document the compliance status with Condition D.1.2, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.2.

(1) The VOC content of each coating material and solvent used.

(2) The amount of coating material and solvent, used for the press.

(A) Records shall include purchase orders, invoices, material safety data sheets (MSDS) or any other available records sufficient 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 total VOC usage for each month; and

(4) The weight of VOCs emitted for each compliance period from press #36 and #41 using methods identified in condition D.1.2.

(c) To document the compliance status with Condition D.1.9, the Permittee shall maintain records of inspections or samples. These records shall include, as a minimum, dates, initials of the person performing the inspection or taking the sample, results, and corrective actions (if any are required).

(d) Section C - General Record Keeping Requirements, contains the Permittee's obligations with regard to the records required by this condition.

D.1.11 Reporting Requirements

A monthly summary of the information to document the compliance status with Condition D.1.2 shall be submitted quarterly to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, not later than thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by a "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2 FACILITY OPERATION CONDITIONS: Closed Solvent Spray Parts Washer

Facility Description [326 IAC 2-7-5(15)]:

(a) Closed solvent spray type parts washer exhausting to stack 20.

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

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

D.2.1 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.

D.2.2 Volatile Organic Compounds (VOC) [326 8-3-5]

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

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^{O}C) (one hundred twenty degrees Fahrenheit (120°F)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

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

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

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

Source Name: Bemis Company, Inc.
Source Address: 1350 North Fruitridge Avenue, Terre Haute, Indiana 47804
Part 70 Permit No.: T167-31309-00033

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: Bemis Company, Inc.
Source Address: 1350 North Fruitridge Avenue, Terre Haute, Indiana 47804
Part 70 Permit No.: T167-31309-00033

This form consists of 2 pages **Page 1 of 2**

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

- The Permittee must notify the Office of Air Quality (OAQ), within 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 DATA SECTION

Part 70 Quarterly Report

Source Name: Bemis Company, Inc.
Source Address: 1350 North Fruitridge Avenue, Terre Haute, Indiana 47804
Part 70 Permit No.: T167-31309-00033
Facility: Press #36
Parameter: VOC emissions
Limit: Less than 39.99 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER: YEAR:

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

☐ No deviation occurred in this quarter.

☐ Deviation/s occurred in this quarter.
Deviation has been reported on:

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

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

Part 70 Quarterly Report

Source Name: Bemis Company, Inc.
Source Address: 1350 North Fruitridge Avenue, Terre Haute, Indiana 47804
Part 70 Permit No.: T167-31309-00033
Facility: Press #41
Parameter: VOC emissions
Limit: Less than 39.99 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER: YEAR:

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

☐ No deviation occurred in this quarter.

☐ Deviation/s occurred in this quarter.
Deviation has been reported on:

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Bemis Company, Inc.
Source Address: 1350 North Fruitridge Avenue, Terre Haute, Indiana 47804
Part 70 Permit No.: T167-31309-00033

Months: _____ to _ Year: _____

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

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

Form Completed by:_____

Title / Position: _____

Date:_____

Phone: _____

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the Technical Support Document (ATSD) for a Significant Modification to a Part 70 Operating Source

Source Background and Description

Source Name:	Bemis Company, Inc.
Source Location:	1350 North Fruitridge Avenue, Terre Haute, In 47804
County:	Vigo
SIC Code:	2673, 3081
Operation Permit No.:	T167-27050-00033
Operation Permit Issuance Date:	October 28, 2009
Significant Source Modification No.:	T167-31288-00033
Significant Permit Modification No.:	T167-31309-00033
Permit Reviewer:	Swarna Prabha

On February 29, 2012, the Office of Air Quality (OAQ) had a notice published in Tribune Star, Terre Haute, Indiana, stating that Bemis Company, Inc. had applied for a significant modification to its Part 70 Operating Permit, issued on October 28, 2009. The notice also stated that the OAQ proposed to issue a significant source modification and significant permit modification and provided information on how the public could review the proposed permits and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not these permits should be issued as proposed.

Comments and Responses

On April 2, 2012 Bemis Company, Inc. submitted comments to IDEM, OAQ on the draft permits .

The Technical Support Document (TSD) is used by IDEM, OAQ for historical purposes. IDEM, OAQ does not make any changes to the original TSD, but the Permit will have the updated changes. The comments and revised permit language are provided below with deleted language as ~~strikeouts~~ and new language **bolded**.

Comment 1:

The permit has a typographical error in source description. I have attached pages from the draft permit that contains what I believe to be the potential typographic errors that Rob had alluded to.

...

(mm) Catalytic oxidizer, identified as I6, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 6.

(nn) Catalytic oxidizer, identified as I7, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 7.

(oo) Catalytic oxidizer, identified as I8, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable

of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 8.

(pp) Catalytic oxidizer, identified as I9, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 4.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 9.

(qq) Catalytic oxidizer, identified as I10, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 4.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 10.

(rr) Catalytic oxidizer, identified as I11, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 3.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29 #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 11.

(ss) Catalytic oxidizer, identified as I12, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 3.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 12.

(tt) Regenerative thermal oxidizer, identified as I13, with a maximum air flow rate of 55000 CFM, and a maximum heat input rating of 10 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 13.

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

D.1.10 Record Keeping Requirements

...

(b) (4) The weight of VOCs emitted for each compliance period from press #36 **and from #41** using methods identified in condition D.1.2.

Response to Comment 1:

IDEM agrees with the recommended changes. The permit Conditions A.2 and D.1.10 have been revised as above.

Comment 2:

Is there a need for inclusion of NESHAP, Subpart KK in its entirety when as an area source, the facility is only subject to the provisions of 40 CFR 63.829(d) (Recordkeeping) and 40 CFR 63.830(b)(1) (Reporting). Its inclusion is not a problem, but it does add significant length to an already lengthy document.

Response to Comment 2:

Upon further review, it has been determined that the source-wide potential to emit (PTE) for a single HAP is negligible and for any combination of HAPS is negligible. Therefore, limits are not necessary to render the source an area source and the recordkeeping and reporting provisions under 40 CFR 63, Subpart KK are not applicable. The attachment B, National Emission Standards for Hazardous Air Pollutants (NESHAPs) for National Emission Standards for the Printing and Publishing Industry, (40 CFR 63, Subpart KK) is removed from the Permit.

Indiana Department of Environmental Management
Office of Air Quality

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

Source Description and Location

Source Name:	Bemis Company, Inc.
Source Location:	1350 North Fruitridge Avenue, Terre Haute, IN 47804
County:	Vigo
SIC Code:	2673, 3081
Permit Renewal No.:	T167-27050-00033
Issuance date:	October 28, 2009
Significant Source Modification No.:	167-31288-00033
Significant Permit Modification No.:	167-31309-00033
Permit Reviewer:	Swarna Prabha

The Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), has reviewed a permit modification request from Bemis Company, Inc. relating to the operation of a stationary polyethylene packaging manufacturing plant.

Existing Approvals

The source was issued Part 70 Operating Permit Renewal No. T167-27050-00033 on October 28, 2009. The source has not received any additional approvals.

County Attainment Status

The source is located in Vigo County.

Pollutant	Designation
SO_2	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Attainment effective February 6, 2006, for the Terre Haute area, including Vigo 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 PM2.5.

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

(b) $PM_{2.5}$
Vigo 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 SO_2 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
Vigo County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

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

Source Status

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\ (tons/year)
PM	<100
PM_{10}	<100
$PM_{2.5}$	<100
SO_2	0
VOC	>250
CO	0
NO_x	0
GHG as CO_2e	>100,000

(a) This existing stationary source is major for PSD because the emissions of at least one attainment pollutant are greater than two hundred fifty (>250) tons per year, emissions of GHG are more than one hundred thousand (100,000) tons of CO_2 equivalent (CO_2e) 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) Pursuant to 326 IAC 2-7-1(39), starting July 1, 2011, greenhouse gas (GHG) emissions are subject to regulation at a source with a potential to emit 100,000 tons per year or more of CO2 equivalent (CO2e) emission. Therefore, CO2e emissions have been calculated for this source. Based on the calculations, the potential to emit (PTE) greenhouse gases from the entire source is equal to or greater than 100,000 tons of CO2e per year (see ATSD Appendix A for detailed calculations). This source is subject to the provisions of 326 IAC 2-7.

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

HAPs	Potential to Emit (tons/yr)
Single HAP	less than 10
Total HAPs	less than 25

This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because HAPs emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a modification application, submitted by Bemis Company, Inc. on December 19, 2011, relating to the addition of one (1) flexographic printing press to the existing polyethylene packaging manufacturing plant located at 1350 North Fruitridge Avenue, Terre Haute, Indiana. The one (1) flexographic printing press, identified as press #41, is to be installed in a Permanent Total Enclosure in Plant 2. The captured emissions will be exhausted to an existing oxidization system consisting of both regenerative thermal oxidizers (RTOs) identified as I13, I14, and I15 and catalytic oxidizers identified as I5, I6, I7, I8, I9, I10, I11, and I12. Both of the control systems are interconnected with a common press exhaust plenum to form an oxidization control system for Plant 2. The captured VOC emissions from any operating press are exhausted to this existing common press exhaust plenum for control.

The following is a description of the proposed emission unit to be added to this existing source:

(a) One (1) Flexographic printing press, identified as press #41, approved in 2012 for construction, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

NOTE: The control devices are existing catalytic and regenerative thermal oxidizers, identified as I5 through I14. No new control device is proposed to be constructed during this modification. The printing press system consists of natural gas fired drying ovens and tunnel dryers, with a combined maximum heating capacity of 0.635 MMBtu/hr, and includes a starch dusting operation to prevent web sticking and solvent day (storage) tanks. Each of the day tanks have capacities less than seventy (70) gallons. These are considered insignificant activities pursuant to 326 IAC 2-7-1(21)(k)(iii)(AA).

Enforcement Issues

There are no pending enforcement actions related to this modification.

Emission Calculations

The calculations submitted by the applicant have been verified and found to be accurate and correct. See Appendix A of this Technical Support Document for detailed emission calculations.

Permit Level Determination – Part 70

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control

equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency."

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

	Unlimited/Uncontrolled Potential to Emit (ton/yr)								
Process / Emission Unit	**PM**	**PM_{10}**	**$PM_{2.5}$**	**SO_2**	**VOC**	**CO**	**NO_X**	**HAPs (Single / Total)**	****GHG**
Printing Press #41	0.0	0.0	0.0	0.0	2833.87	0.0	0.0	negl.	0.0
Dusting	.41	0.041	0.041	0.0	0.0	0.0	0.0	0.0	0.0
Press #41 Combustion units	0.01	0.02	0.02	0.002	0.02	0.23	0.28	negl.	**335.79
Total for Modification	0.42	0.06	0.06	0.002	2833.89	0.23	0.28	negl.	**335.79
PSD Significant Levels	25	15	10	40	40	100	40	negl.	---

negl. = negligible
**Pursuant to 326 IAC 2-7-1(39), starting July 1, 2011, greenhouse gas (GHG) emissions are subject to regulation at a source with a potential to emit 100,000 tons per year or more of CO2 equivalent (CO2e) emissions. Therefore, CO2e emissions have been calculated (TSD Appendix A page 6) for this source. Based on the calculations, the potential to emit (PTE) greenhouse gases from the entire source is greater than 100,000 tons of CO2e per year.*
*** Greenhouse gas (GHG) emissions from the modification.*

This source modification is subject to 326 IAC 2-7-10.5(f)(4) because the potential to emit VOC is greater than twenty-five (25) tons per year before control. Additionally, the 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 involves significant changes to existing compliance determination, monitoring, reporting, or record keeping requirements.

Permit Level Determination – PSD

This modification to an existing major stationary source is not major because the emissions increase is less than the PSD significant levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply. The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 permit modification, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

	Limited/Controlled Potential to Emit (ton/yr)								
Process / Emission Unit	**PM**	**PM_{10}**	**$PM_{2.5}$**	**SO_2**	**VOC**	**CO**	**NO_X**	**HAPs (single / Total)**	**GHG**
Printing Press #41	0.0	0.0	0.0	0.0	< 39.99	0.0	0.0	negl.	0.0
Dusting	0.41	0.041	0.041	0.0	0.0	0.0	0.0	0.0	0.0
Press #41 Combustion units	0.01	0.02	0.02	0.002	0.02	0.23	0.28	negl.	*335.79
Total for Modification	0.41	0.06	0.06	0.002	<40.00	0.23	0.28	negl.	*335.79
PSD Significant Levels	25	15	10	40	40	100	40	negl.	---

Negl. = Negligible

326 IAC 2-2 (Prevention of Significant Deterioration)

Pursuant to 326 IAC 2-2, the PSD (Prevention of Significant Deterioration) the following conditions apply:

(a) The annual VOC usage at press #41 shall be limited such that the potential to emit does not exceed 39.99 tons/yr. Compliance with this limit shall be determined at the end of each month based on the previous twelve (12) months. Compliance shall be documented using the following equation:

(Printing VOC usage) * (1 - overall control efficiency) + Cleanup VOC loss < 39.99 tons.

(b) Whenever press #41 is applying VOC-containing materials, the press exhaust shall be vented through the operating oxidation control system. A minimum overall control efficiency of 95% for VOC emissions shall be maintained.

Compliance with these conditions shall render press #41 not subject to the provisions of 326 IAC 2-2, Prevention of Significant Deterioration (PSD).

Federal Rule Applicability Determination

NSPS:

(a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit for this source.

(b) The new flexographic printing press at this source is not subject to the requirements of the New Source Performance Standard for Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing, (40 CFR 60.430, Subpart QQ), because Bemis Company, Inc. does not perform publication rotogravure printing.

NESHAP:

(a) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in this permit modification.

(b) The new flexographic printing press at this source is subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for National Emission Standards for the Printing and Publishing Industry, (40 CFR 63, Subpart KK), because the printing presses at this source are wide-web flexographic printing press**.** However, because the source is not a major source of HAPs, the source is subject only to the provisions of 40 CFR 63.829(d)

(Recordkeeping requirements) and 40 CFR 63.830(b)(1) (Reporting requirements) as necessary to demonstrate area source status.

(c) This new flexographic printing press at this source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating, (40 CFR 63, Subpart JJJJ), because Bemis Company, Inc. is not a major source of Hazardous Air Pollutants (HAPs).

CAM:

Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to each new or modified pollutant-specific emission unit that meets the following criteria:

(1) has a potential to emit before controls equal to or greater than the major source threshold for the pollutant involved;

(2) is subject to an emission limitation or standard for that pollutant; and

(3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The new press (#41) meets each of the above criteria and therefore, the one (1) flexographic printing press is subject to the requirements of 40 CFR 64.2 Compliance Assurance Monitoring.

The source has submitted the following CAM Plan for press #41. The same CAM Plan has already been approved for the existing presses #19, #20, #21, #22, #23, #24, #25, #27 #28, #29 #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40:

Permanent Total Enclosure (PTE):

(1) Monitoring Approach For Permanent Total Enclosures Utilizing Pressure Differential.

	Indicator #1	Indicator #2	Indicator # 3
I. Indicator	Work Practice	Work Practice	Pressure differential
Measurement Approach	Inspect the operational condition of the control device bypass damper, the integrity of the exhaust system from the process to the control device, and the integrity of the enclosure.	Inspect operational condition of bypass damper position interlock.	Monitor pressure differential across the enclosure wall and the surrounding atmosphere.
II. Indicator Range	An excursion is identified as any finding that the integrity of the bypass damper, the exhaust system ductwork, or the enclosure has been compromised.	An excursion is identified as any finding that the bypass interlock is inoperative.	An excursion is defined as a pressure differential of less than -0.007” w.c. for 5 consecutive minutes while the process is operating; alternatively, a smaller differential (i.e., less than -0.007” w.c.) can be used as the indicator if such differential is demonstrated as adequate to satisfy the permanent total enclosure with Method 204 criteria. Alternatively, a three hour average value can be used as the indicator range.

	Indicator #1	Indicator #2	Indicator # 3
Corrective Action	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Any excursion shall require that the process be immediately shut down and remain down until the problem can be corrected. Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.
III. Performance Criteria			
A. Data Representativeness	Properly positioned dampers, leak-free ductwork and a leak-free enclosure of the process will assure that all of the exhaust will reach the control device. Inspections will identify problems.	Properly operating interlocks will assure that the processes will be shut down if the bypass damper is open to atmosphere.	The monitor measures the pressure differential at the interface between the wall of the enclosure and surrounding atmospheres.
B. Verification of Operational Status	Inspection records.	Inspection records.	The Permittee must have valid data from at least 90 percent of the hours during which the process operated.
C. QA/QC Practices and Criteria	Not applicable.	Not applicable.	Validation of instrument calibration conducted annually. Compare to calibrated meter, or calibrate using pressure standard, or according to manufacturer's instructions.
D. Monitoring Frequency	Quarterly	Annually	Monitor continuously.
Data Collection Procedure	Record results of inspections and observations.	Record results of inspections and observations.	Record at least once every minute on a chart or electronic media.
Averaging Period	Not applicable.	Not applicable	Not applicable if using any measured value as the indicator; Three hours if using 3-hour average as the indicator.
E. Recordkeeping	Maintain for a period of 5 years records of inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of data and of corrective actions taken in response to excursions.
F. Reporting	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.
Frequency	Quarterly	Annually.	Quarterly

(2) Monitoring Approach For Unenclosed Presses

	Indicator # 1	Indicator #2	Indicator #3[a]
I. Indicator	Work Practice	Work Practice	Work Practice
Measurement Approach	Inspect the integrity of the exhaust system from the process to the control device.	Inspect operational condition of all interlocks, including: • between color dryer flow; and	Use a smoke stick or equivalent approach to assure that the dryer is negative to the surrounding atmosphere.

		• tunnel oven flow.	
II. Indicator Range	An excursion is defined as any finding that the integrity of the exhaust system has been compromised.	An excursion is defined as any finding that any interlock is inoperative.	General overflow of smoke should be into the dryer web slot or application area.
Corrective Action	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Any excursion shall require that the process be immediately shut down and remain down until the problem can be corrected. Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Press can not be operated until negative flow into the dryer system or application area is demonstrated. Each excursion triggers an assessment of the problem, corrective action, and a reporting requirement.
III. Performance Criteria			
A. Data Representativeness	Properly positioned dampers and leak free ductwork will assure that all of the normally captured exhaust will reach the control device. Inspections will identify problems.	Properly operating interlocks will assure that the process will be shut down if there is insufficient flow or the bypass damper is open to atmosphere.	Monitoring approach will assure the dryer is set to properly contain supply air and the overflow is into the application area.
B. Verification of Operational Status	Inspection records.	Inspection records.	Not applicable
C. QA/QC Practices and Criteria	Not applicable	Not applicable	Not applicable
D. Monitoring Frequency	Quarterly	Annually.	Whenever the location of the dryer is disrupted. (This may not be necessary for two piece dryers.)
Data Collection Procedure	Record results of inspections and observations.	Record results of inspections and observations	Not applicable
Averaging Period	Not applicable.	Not applicable.	Not applicable.
E. Recordkeeping	Maintain for a period of 5 years records of Inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of Inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of inspections and of corrective actions taken in response to excursions.
F. Reporting	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.
Frequency	Quarterly	Annually.	Quarterly

[a] Indicator #3 is only necessary for unenclosed presses with variable placement settings for the between color dryer cans.

(3) Monitoring Approach For Catalytic Oxidizers

	Indicator #1	Indicator #2	Indicator #3	Indicator #4
I. Indicator	Catalyst bed inlet temperature.	Work practice/inspection.	Performance test	Catalyst activity analysis.

	Indicator #1	Indicator #2	Indicator #3	Indicator #4
Measurement Approach	Continuously monitor the operating temperature of the oxidizer catalyst bed.	Inspect internal and external structural integrity of oxidizer to ensure proper operation.	Conduct emissions test to demonstrate compliance with permitted destruction efficiency.	Determine the catalyst activity level by evaluating the conversion efficiency.
II. Indicator Range	An excursion is identified as any 3-hour period when the average operating temperature is less than the average operating temperature demonstrated during the most recent compliance demonstration.	An excursion is identified as any finding that the structural integrity of the oxidizer has been jeopardized and it no longer operates as designed.	An excursion is identified as any finding that the oxidizer does not meet the permitted destruction efficiency.	The catalyst conversion efficiency is evaluated and compared to typical values for fresh catalyst. An excursion is identified as a finding that the conversion efficiency is beyond the operational range of the catalyst as defined by the manufacturer.
Corrective Action	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an inspection, corrective action and a reporting requirement.
III. Performance Criteria				
A. Data Representativeness	Any temperature-monitoring device employed to measure the Catalyst bed inlet temperature shall be accurate to within 1.0% of temperature measured or ±1°C, whichever is greater.	Inspections of the oxidizer system will identify problems.	A test protocol shall be prepared and approved by IDEM prior to conducting the performance test.	Analysis will determine the conversion efficiency of the catalyst.
B. Verification of Operational Status	Temperatures recorded on chart paper or electronic media. The Permittee must have valid data from at least 90 percent of the hours during which the process operated.	Inspection records.	Not applicable.	Not applicable
C. QA/QC Practices and Criteria	Validation of temperature system conducted annually. Acceptance criteria ± 20°F.	Not applicable.	EPA test methods approved in protocol.	Not applicable.
D. Monitoring Frequency	Measured continuously	• External inspection - annually • Internal inspection - annually.	Once every five years.	Annually.
Data Collection Procedure	Recorded at least every 15-minutes on a chart or electronic media.	Record results of inspections and observations.	Per approved test method.	Record results of catalyst sample analyses.
Averaging Period	Three hours.	Not applicable.	Not applicable.	Not applicable.
E. Record Keeping	Maintain for a period of 5 years records of chart recorder paper or electronic media and corrective actions taken in response to excursions.	Maintain for a period of 5 years records of inspections and corrective actions taken in response to excursions.	Maintain a copy of the test report for 5 years or until another test is conducted. Maintain records of corrective actions taken in response to excursions.	Maintain for a period of 5 years records of dates of catalyst sampling, initials of person conducting sampling, catalyst analysis and corrective actions taken in response to excursions.

	Indicator #1	Indicator #2	Indicator #3	Indicator #4
F. Reporting	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.	Submit test protocol and notification of testing to IDEM at least 35 days prior to test date. Submit test report 45 days after conducting a performance test.	Number, duration, cause of any excursion and the corrective action taken.
Frequency	Quarterly	Annually.	For each performance test conducted.	Annually.

(4) Monitoring Approach For Regenerative Thermal Oxidizers:

	Indicator #1	Indicator #2	Indicator #3
I. Indicator	Oxidizer combustion zone temperature.	Work practice/inspection.	Performance test
Measurement Approach	Continuously monitor the operating temperature of the oxidizer combustion zone.	Inspect internal and external structural integrity of oxidizer to ensure proper operation.	Conduct emissions test to demonstrate compliance with permitted destruction efficiency.
II. Indicator Range	An excursion is identified as any 3-hour period when the average operating temperature is less than the average operating temperature demonstrated during the most recent compliance demonstration.	An excursion is identified as any finding that the structural integrity of the oxidizer has been jeopardized and it no longer operates as designed.	An excursion is identified as any finding that the oxidizer does not meet the permitted destruction efficiency.
Corrective Action	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.	Each excursion triggers an assessment of the problem, corrective action and a reporting requirement.
III. Performance Criteria			
A. Data Representativeness	Any temperature-monitoring device employed to measure the oxidizer combustion zone temperature shall be accurate to within 1.0% of temperature measured or ±1°C, whichever is greater.	Inspections of the oxidizer system will identify problems.	A test protocol shall be prepared and approved by the IDEM prior to conducting the performance test.
B. Verification of Operational Status	Temperatures recorded on chart paper or electronic media. The Permittee must have valid data from at least 90 percent of the hours during which the process operated.	Inspection records.	Not applicable.
C. QA/QC Practices and Criteria	Validation of temperature system conducted annually. Acceptance criteria ± 20°F.	Not applicable.	EPA test methods approved in protocol.
D. Monitoring Frequency	Measured continuously	External Inspection - annually Internal inspection - annually.	Once every five years.
Data Collection Procedure	Recorded at least every 15-minutes on a chart or electronic media.	Record results of inspections and observations.	Per approved test method.
Averaging Period	Three hours.	Not applicable.	Not applicable.

	Indicator #1	Indicator #2	Indicator #3
E. Record Keeping	Maintain for a period of 5 years records of chart recorder paper or electronic media and corrective actions taken in response to excursions.	Maintain for a period of 5 years records of inspections, including dates and initials of person conducting inspection, and of corrective actions taken in response to excursions.	Maintain a copy of the test report for 5 years or until another test is conducted. Maintain records of corrective actions taken in response to excursions.
F. Reporting	Number, duration, cause of any excursion and the corrective action taken.	Number, duration, cause of any excursion and the corrective action taken.	Submit test protocol and notification of testing to IDEM at least 35 days prior to test date. Submit test report 45 days after conducting a performance test.
Frequency	Quarterly.	Annually.	For each performance test conducted.

These monitoring conditions are necessary because the presses and oxidizers must operate properly to ensure compliance with 40 CFR Part 64 (CAM), 326 IAC 8-5-5 (Graphic Arts Operations), 326 IAC 2-2 PSD (Prevention of Significant Deterioration), and 326 IAC 2-7 (Part 70).

State Rule Applicability Determination - Entire Source

326 IAC 2-2 (PSD)

PSD applicability is discussed under the Permit Level Determination – PSD section.

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

The emissions from the this modification are less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 2-6 (Emission Reporting)

Since this source is required to have an operating permit under 326 IAC 2-7, this source is subject to 326 IAC 2-6 (Emission Reporting). Also, the source has potential to emit greater than the thresholds in 326 IAC 2-6-3(a)(1). Therefore, pursuant to 326 IAC 2-6-3(a)(1), an emission statement covering the previous calendar year must be submitted annually by July 1. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

326 IAC 2-7 (Part 70 Permit Program)

The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1) greenhouse gases (GHGs) is greater than the Title V subject to regulation threshold of one hundred thousand (100,000) tons of CO_2 equivalent (CO_2e) emissions per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

326 IAC 5-1 (Opacity Limitations)

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

326 IAC 9-1-2 (Carbon monoxide emission limits)

The natural gas-fired dryers are not subject to this the requirements of 326 IAC 9-1-2 because these are not refuse burning equipment or refuse incinerators.

State Rule Applicability Determination - Individual Facilities

326 IAC 4-2-2 Incinerators

The combustion units associated with the flexographic printing press #41, are not subject to the requirements of 326 IAC 4-2 Incinerators because it does not meet the definition criteria for an incinerator as defined in 326 IAC 1-2-34, as the apparatus does not burn waste substances. Therefore, the requirements of 326 IAC 4-2 are not included in the permit for this unit.

326 IAC 6-2-4 Particulate Emission Limitations for Sources of Indirect Heating

The combustion units associated with the flexographic printing press, identified as #41, are not subject to the requirements of 326 IAC 6-2-4, as they are not a source of indirect heating.

326 IAC 6-3-2 Particulate Emissions Limitations for Manufacturing Sources

The combustion units associated with the flexographic printing press, identified as #41, are exempt from the requirements of 326 IAC 6-3, pursuant to 326 IAC 6-3-1(b)(14), as they are manufacturing processes with potential particulate emissions less than five hundred fifty-one thousandths (0.551) pound per hour.

326 IAC 8-1-6 (General Reduction Requirements)

Press #41 is not subject to 326 IAC 8-1-6 (General Reduction Requirements). This rule does not apply since press #41 is subject to 326 IAC 8-5-5.

326 IAC 8-5-5 (Graphic Arts Operations)

Press #41 is subject to 326 IAC 8-5-5 (Graphic Arts Operations). This rule applies to flexographic printing sources constructed after November 1, 1980, located anywhere in the state with potential emissions of twenty-five (25) tons of VOC per year.

(a) Pursuant to 326 IAC 8-5-5(c)(3)(B), volatile organic compound (VOC) emissions will be controlled by an incineration system that oxidizes at least ninety percent (90%) of the non-methane volatile organic compounds to carbon dioxide and water.

NOTE: Press #41 shall have a capture system efficiency of 100%. The oxidation control system shall have a minimum destruction efficiency of 95%. This results in a 95% overall control efficiency. Therefore, the source is able to comply with the requirement.

(b) Pursuant to 326 IAC 8-5-5(e)(2)(C), flexographic printing press installed after March 14, 1995, and is controlled by an air pollution control device whose first installation was prior to January 1, 2010 is required to achieve a minimum of seventy five (75%) overall control efficiency.

NOTE: Press #41 shall have a capture system efficiency of 100%. The oxidation control system shall have a minimum destruction efficiency of 95%. This results in a 95% overall control efficiency. Therefore, the source is able to comply with this requirement.

(c) Work practices shall be used to minimize VOC emissions from cleaning operations. Work practices shall include, but not be limited to, the following:

(1) When not in use, all cleaning materials shall be kept in closed containers.

(2) Cleaning materials shall be conveyed from one (1) location to another in closed containers or pipes.

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.

The compliance determination requirements applicable to the press identified as #41 are as follows:

(a) Testing Requirements:

(1) Press #41 is a new unit, and is required to complete testing for VOC capture efficiency within sixty (60) days of achieving maximum production rate, but not later than one-hundred eighty (180) days after initial startup to verify the capture system efficiency utilizing methods as approved by the commissioner. This modification does not include the addition of any new catalytic oxidizers, so the testing of existing control devices will continue along the same schedule as contained in the Part 70 Operating Permit.

(2) The capture efficiency testing shall be repeated for a press #41 whenever a reconfiguration or change in the design of that press is made and for those instances where operating parameters indicate that a fundamental change has taken place in the operation of this press or existing presses, which include any of the following:

(A) The addition of print station to a press;

(B) Increasing or decreasing the volumetric flow rate from the dryer (e.g, by changing the size of press fans/motors or removal or derating of dryers); or

(C) Changing the static duct pressure.

(b) Monitoring

(1) A continuous monitoring system shall be calibrated, maintained, and operated for measuring operating temperature of each oxidizer in the control system used to control emissions from press #41.

(2) The Printing Press #41 shall be monitored through the applicable CAM Plan (40 CFR Part 64 as outlined above).

(3) The Permittee shall maintain one (1) of the following monitoring parameter values for press #41 for each day the press is operating as an indication that 100 percent capture is being attained:

(1) Duct pressure or fan amperage: The Permittee shall maintain the flow indicator parameter at a value of at least 85 percent of the value as established during the most recent performance test; or

(2) Differential pressure: The Permittee shall maintain a differential pressure at a value of - 0.007 inches of water column or less; or

(3) Differential pressure: The Permittee shall maintain a differential pressure at or less than a value demonstrated during the most recent performance test as being sufficient to meet the 200 feet/min face velocity at all NDOs.

The established monitoring parameter value shall be observed at least once per day for each day press #41 is operating.

Proposed Changes

The changes listed below have been made to Part 70 Operating permit No.: T167-27050-00033, deleted language is shown in ~~strikeout~~, new language appears in **bold**.

NOTE: IDEM has modified the language for several standard Title V permitting Conditions, and some of these standard language changes also affected following sections of the permit which are explained later in this TSD under "proposed OAQ changes".

Modification No. 1 The new emission unit has been added to Sections A.2 and D.1 and the subsequent emission units are renumbered 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:

...

(hh) Flexographic printing press, identified as press #40, constructed in 2007, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ii) One (1) Flexographic printing press, identified as press #41, approved in 2012 for construction, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(~~ii~~ **jj**) Closed solvent spray type parts washer exhausting to stack 20.

(~~jj~~ **kk)** Cyrel plate making facility, constructed in 1993, exhausting to stack 23.

...

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS: Presses and Oxidizers

Facility Description [326 IAC 2-7-5(15)]:

(hh) Flexographic printing press, identified as press #40, constructed in 2007, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(ii) One (1) Flexographic printing press, identified as press #41, approved in 2012 for construction, using oxidation for control, and exhausting to stacks 5, 6, 7, 8, 9, 10, 11, 12, 13, and/or stack 14.

(~~kk~~ **jj**) Catalytic oxidizer, identified as I5, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41** and exhausting to stack 5.

(~~ll~~**kk**) Catalytic oxidizer, identified as I6, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 6.

(~~mm~~**ll**) Catalytic oxidizer, identified as I7, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 7.

(~~nn~~**mm**) Catalytic oxidizer, identified as I8, with a maximum air flow rate of 8500 CFM, and a maximum heat input rating of 2.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 8.

(~~oo~~**nn**) Catalytic oxidizer, identified as I9, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 4.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 9.

(~~pp~~**oo**) Catalytic oxidizer, identified as I10, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 4.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 10.

(~~qq~~**pp**) Catalytic oxidizer, identified as I11, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 3.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29 #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 11.

(~~rr~~**qq**) Catalytic oxidizer, identified as I12, with a maximum air flow rate of 12750 CFM, and a maximum heat input rating of 3.5 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 12.

(~~ss~~**rr**) Regenerative thermal oxidizer, identified as I13, with a maximum air flow rate of 55000 CFM, and a maximum heat input rating of 10 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 13.

(~~tt~~**ss**) Regenerative thermal oxidizer, identified as I14, with a maximum air flow rate of 55000

CFM, and a maximum heat input rating of 10.0 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #33, #34, #35, #36, #37, #38, #39, #40, ~~and/or~~ #40, **and/or #41**, and exhausting to stack 14.

(~~uu~~ **tt**) Regenerative thermal oxidizer, identified as I15, with a maximum air flow rate of 40000 CFM, and a maximum heat input rating of 7.3 million BTU per hour for the supplemental fuel, capable of controlling emissions from presses #11, #12, #13, #14, #15, #16, #17, and/or #18, and exhausting to stack 15.

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

...

Modification No. 2 Condition D.1.2 of this permit has been updated to include the limits for the new press as follows:

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 2-2]

(a) Pursuant to SSM 167-18122-00033, issued on May 3, 2004, and revised through T167-6182-00033, issued on June 28, 2004, the following conditions apply:

(i) The annual VOC usage on press #36 shall be limited such that the potential to emit does not exceed 39.99 tons, considering the most recent determination of capture and destruction. Compliance with this limit shall be determined at the end of each month based on the previous 12 months. Compliance shall be documented using the following equation: (Printing VOC usage) * (1 - overall control efficiency) + Cleanup VOC loss < 39.99 tons. Compliance with this condition shall ~~make~~ **rende**r this press not subject to the provisions of 326 IAC 2-2, Prevention of Significant Deterioration (PSD).

(ii) Whenever press #36 is applying VOC-containing materials, the press exhaust shall be vented through the operating oxidation control system. The **oxidation control system controlling** press **#36** shall maintain a minimum overall control efficiency of 80.75% for VOC emissions.

(b) The following conditions make 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable:

(i) The annual VOC usage at press #41 shall be limited such that the potential to emit is less than 39.99 tons, considering the most recent determination of capture and destruction efficiencies. Compliance with this limit shall be determined at the end of each month based on the previous 12 months. Compliance shall be documented using the following equation: (Printing VOC usage) * (1 - overall control efficiency) + Cleanup VOC loss < 39.99 tons. Compliance with this condition renders this press not subject to the provisions of 326 IAC 2-2, Prevention of Significant Deterioration (PSD).

(ii) Whenever press #41 is applying VOC-containing materials, the press exhaust shall be vented through the operating oxidation control system. The oxidation control system controlling press #41 shall maintain a minimum overall control efficiency of 95% for VOC emissions.

Modification No. 3 The Conditions D.1.3 through D.1.11 of this permit have been updated as follows to show the capture efficiency changes after April 1, 2011 and to include the new requirements for existing presses and Press #41:

(a) Pursuant to 326 IAC 8-5-5(e)(2)(A), the existing flexible packaging printing presses, on and after April 1, 2011, and installed prior to March 14, 1995, the capture system shall attain an efficiency sufficient to achieve an overall control efficiency of 65%.

(b) Pursuant to 326 IAC 8-5-5(e)(2)(C), the existing flexible packaging printing presses, on and after April 1, 2011, and installed after March 14, 1995, the capture system shall attain an efficiency sufficient to achieve an overall control efficiency of 75%.

(c) Pursuant to 326 IAC 8-5-5(f), the work practices shall be used to minimize VOC emissions from cleaning operations when operating printing presses.

D.1.3 Volatile Organic Compounds (VOC) [326 IAC 8-5-5]

~~(a) Pursuant to 326 IAC 8-5-5(e)(3), the VOC capture system for presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39 and #40, in combination with the catalytic/regenerative thermal oxidation system, shall be operated in such a manner to attain and maintain a minimum 60% overall control efficiency for flexographic printing.~~

(a) Pursuant to 326 IAC 8-5-5(e)(2)(A), the VOC capture system for presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, and #25, in combination with the catalytic/ regenerative thermal oxidation system, shall be operated in such a manner to attain and maintain a minimum 65% overall control efficiency for flexographic printing.

(b) Pursuant to 326 IAC 8-5-5(e)(2)(C), the VOC capture system for presses #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39, #40 and #41, in combination with the catalytic/ regenerative thermal oxidation system, shall be operated in such a manner to attain and maintain a minimum 75% overall control efficiency for flexographic printing.

~~(b)~~ **(c)** Pursuant to 326 IAC 8-5-5(c)(3)(B), the catalytic oxidizers (I5, I6, I7, I8, I9, I10, I11 and I12) and regenerative thermal oxidizers (I13, I14, and I15) shall maintain a minimum destruction efficiency of 90%.

(d) Pursuant to 326 IAC 8-5-5(f), the Permittee shall use work practices to minimize VOC emissions from cleaning operations. Work practices shall include, but not be limited to, the following:

(1) When not in use, all cleaning materials shall be kept in closed containers.

(2) Cleaning materials shall be conveyed from one (1) location to another in closed containers or pipes.

Compliance Determination Requirements

D.1.4 Testing Requirements [326 IAC 2-7-6(1), (6)] [326 IAC 2-1.1-11]

(a) Testing requirements for the destruction efficiency of the thermal and catalytic oxidizers are as follows:

...

(1) **Not later than** ~~Within~~ one hundred eighty (180) days after start-up of oxidizers, the Permittee shall conduct a performance test to verify the VOC destruction efficiency as per Conditions D.1.1, D.1.2, and D.1.3, utilizing methods as approved by the Commissioner.

(2) Testing of the catalytic oxidizers (I5, I6, I7, I8, I9, I10, I11 and I12), to verify their destruction efficiencies, was performed on April **12-15, 2011** ~~17~~, ~~2006~~.

...

(b) Testing requirements for the capture efficiency of the flexographic presses are as follows:

...

(5) Testing of press #39 and #40, to verify their capture efficiency, was performed on December 11, 2007.

(6) Testing of press #41, to verify its capture efficiency shall be performed not later than 180 days after start-up of press #41.

(6) The capture efficiency test shall be repeated for a press in this section whenever a reconfiguration or change in the design of that press is made and for those instances where operating parameters indicate that a fundamental change has taken place in the operation of these presses, which include any of the following:

...

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

D.1.6 Oxidizer Temperature [326 IAC 2-2]

(a) A continuous monitoring system shall be calibrated, maintained, and operated for measuring operating temperature of each oxidizer in the control system used to control emissions from presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39, #40 and **#41**. For the purpose of this condition, continuous means no less than once per minute. The operating temperature for the catalytic oxidizers (I5, I6, I7, I8, I9, I10, I11 and I12) is the catalyst bed inlet temperature and the operating temperature for the regenerative thermal oxidizers (I13**,** I14, and I15) is the combustion zone temperature. The output of this system shall be recorded as a three (3) hour average.

...

(c) The Permittee shall take appropriate response. ~~steps in accordance with Section C - Response to Excursions or Exceedances~~ whenever the three (3) hour average operating temperature of any oxidizer in the control system is below the three (3) hour average operating temperature as observed during the most recent, approved, compliant performance test. A three (3) hour average operating temperature that is below the three (3) hour average operating temperature as observed during the most recent, approved, compliant performance test is not a deviation from this permit. **Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition**. Failure to take response steps ~~in accordance with Section C - Response to Excursions or Exceedances~~ shall be considered a deviation from this permit.

...

D.1.8 Compliance Assurance Monitoring (CAM) [40 CFR Part 64]

Pursuant to 40 CFR Part 64, the Permittee shall comply with the following compliance assurance monitoring requirements for presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39, #40 and **#41**:

...

D.1.9 Monitoring

(a) The Permittee shall conduct quarterly inspections of all components relating to the capture system for presses #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #21, #22, #23, #24, #25, #27, #28, #29, #30, #31, #32, #34, #35, #36, #37, #38, #39, #40 and **#41**. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps. ~~in accordance with Section C - Response to Excursions or Exceedances~~. **Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition**. Failure to take response steps ~~in accordance with Section C – Response to Excursions or Exceedances,~~ shall be considered a deviation from this permit.

(b) The Permittee shall also conduct annual sampling and testing of the catalyst utilized in the eight (8) catalytic oxidizers (I5, I6, I7, I8, I9, I10, I11, and I12) in order to determine if it has reached a

point where its effectiveness is diminished to where compliance with the minimum destruction efficiency is at risk. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps. **Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition**. Failure to take response steps ~~in accordance with Section C - Response to Excursions or Exceedances,~~ shall be considered a deviation from this permit.

D.1.10 Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

(a) To document **the** compliance **status** with Condition D.1.1, D.1.3, D.1.6, and D.1.7 the Permittee shall maintain records in accordance with (1), (2), and (3) below.

...

(b) To document **the** compliance **status** with Condition D.1.2, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.2.

...

(c) To document **the** compliance **status** with Condition D.1.9, the Permittee shall maintain records of inspections or samples. These records shall include, as a minimum, dates, initials of the person performing the inspection or taking the sample, results, and corrective actions (if any are required).

(d) ~~All records shall be maintained in accordance with~~ Section C - General Record Keeping Requirements, ~~of this permit.~~ **contains the Permittee's obligations with regard to the records required by this condition.**

D.1.11 Reporting Requirements

A monthly summary of the information to document **the** compliance **status** with Condition D.1.2 shall be submitted quarterly to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, ~~within~~ **not later than** thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by ~~the~~ **a** "responsible official" as defined by 326 IAC 2-7-1(34).

Proposed OAQ Changes

IDEM has modified the language for several standard Title V permitting B and C Conditions, and some of these standard language changes affected other sections of the permit which are noted in this TSD. All changes to the table of contents will not be reproduced herein. The Table of Contents has been updated accordingly.

(1) Section A.1 of the permit and the reporting forms have been revised to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address.

(2) For clarity, IDEM has changed references to the general conditions: "in accordance with Section B", "in accordance with Section C", or other similar language, to "Section C ... contains the Permittee's obligations with regard to the records required by this condition."

(3) The phrases "no later than" and "not later than" are clearer than "within" in relation to the end of a timeline. Therefore, all timelines have been switched to "no later than" or "not later than".

(4) IDEM has determined that, rather than having a Certification condition and various references throughout the permit as to whether a particular report, notice, or correspondence needs to include a certification, the specific conditions that require an affirmation of truth and completeness shall state so. The certification condition has been removed. All statements to whether a certification, pursuant to the former Section B - Certification, is needed or not have been

removed. Section B - Credible Evidence and Section C - Asbestos Abatement Projects still require certification as the underlying rules also require certifications.

(5) IDEM, OAQ has clarified Section B - Preventive Maintenance Plan.

(6) IDEM will state which rule establishes the authority to set a deadline for the Permittee to submit additional information. Therefore, Section B - Permit Renewal has been revised.

(7) IDEM has added 326 IAC 5-1-1 to the exception clause of Section C - Opacity, since 326 IAC 5-1-1 does list exceptions.

(8) IDEM has revised Section C - Incineration to more closely reflect the two underlying rules.

(9) IDEM has removed the first paragraph of Section C - Performance Testing as due to the fact that specific testing conditions elsewhere in the permit will specify the timeline and procedures.

(10) IDEM has removed Section C - Monitoring Methods. The conditions that require the monitoring or testing, if required state what methods shall be used.

(11) IDEM has revised Section C - Response to Excursions or Exceedances. The introduction sentence has been added to clarify that it is only when an excursion or exceedance is detected that the requirements of this condition need to be followed. The word "excess" was added to the last sentence of paragraph (a) because the Permittee only has to minimize excess emissions. The middle of paragraph (b) has been deleted as it was duplicative of paragraph (a). The phrase "or are returning" was added to subparagraph (b)(2) as this is an acceptable response assuming the operation or emission unit does return to normal or its usual manner of operation. The phrase "within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable" was replaced with "normal or usual manner of operation" because the first phrase is just a limited list of the second phrase. The recordkeeping required by paragraph (e) was changed to require only records of the response because the previously listed items are required to be recorded elsewhere in the permit.

(12) IDEM has revised Section C - Actions Related to Noncompliance Demonstrated by a Stack Test. The requirements to take response steps and minimize excess emissions have been removed because Section C - Response to Excursions or Exceedances already requires response steps related to Exceedances and excess emissions minimization. The start of the timelines was switched from "the receipt of the test results" to "the date of the test." There was confusion if the "receipt" was by IDEM, the Permittee, or someone else. Since the start of the timelines has been moved up, the length of the timelines was increased. The new timelines require action within a comparable timeline; and the new timelines still ensure that the Permittee will return to compliance within a reasonable timeframe.

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

(14) The word "status" has been added to Section D - Reporting Requirements. The Permittee has the obligation to document the compliance status. The wording has been revised to properly reflect this.

(15) IDEM has clarified Section D - Testing Requirements.

(16) The word "status" has been added to Section D - Record Keeping Requirements and Section D - Reporting Requirements. The Permittee has the obligation to document the compliance status. The wording has been revised to properly reflect this.

(17) The phrase "of this permit" has been added to the paragraph of the Quarterly Deviation and Compliance Monitoring Report Form to match the underlying rule.

In addition to the changes directly related to the modification, OAQ made the following revisions to the Part 70 permit as follows with the deleted language as ~~strikeouts~~ and new language **bolded**.

The mailing address and certification requirement is removed from all the reporting forms:

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 tape, label and extruded web manufacturing plant.

Source Address:	304S 075E, Hartford City, Indiana 47348
~~Mailing Address:~~	~~304S 075E, Hartford City, IN. 47348~~
General Source Phone Number:	(765) 348-3200

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, T009-26248-00004, 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. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.~~

~~(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.~~

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

~~(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by the "responsible official" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.~~

~~(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.~~

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

~~B.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 the certification by the "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) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:~~

~~(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;~~

~~(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and~~

~~(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.~~

~~(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

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

~~B.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 Section), or~~
~~Telephone Number: 317-233-0178 (ask for Compliance Section)~~
~~Facsimile Number: 317-233-6865~~

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

~~Indiana Department of Environmental Management~~
~~Compliance 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 the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(6) The Permittee immediately took all reasonable steps to correct the emergency.~~

~~(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.~~

~~(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.~~

~~(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.~~

~~(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.~~

~~(g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.~~

~~(h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.~~

~~B.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 in 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) In addition to the non-applicability determinations set forth in Sections D of this permit, the IDEM, OAQ has made the following determination regarding this source:~~

~~(1) BA Coating Line is not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.440, Subpart RR) because of the following reasons:~~

~~(i) The BA Coating Line was originally constructed in 1963 (prior to the applicability date of December 30, 1980);~~

~~(ii) The changes to the BA Coating Line do not constitute a reconstruction because the fixed cost of the new equipment does not exceed 50% of the fixed capital cost required to construct an entirely new facility; and~~

~~(iii) The changes to the BA Coating Line do not constitute a modification. The NSPS modification provisions of 40 CFR 60.14 apply when a physical or operational change occurs which could result in an increase in the hourly potential emissions, unless such change qualifies for one of the exemptions at 40 CFR 60.14(e). The emission rate before and after a physical or operational change is evaluated by comparing the hourly potential emissions under maximum capacity immediately before the change to emissions at maximum capacity after the change. Under the General Provisions of the NSPS, only physical limitations on maximum capacity are considered in determining potential emissions. 3M has provided with adequate evidence to IDEM that there was a decrease in the hourly potential emissions based on the maximum capacity, as a~~

~~result of the 1995 changes made to the BA Coater. The changes made to the BA Coater in 1995 decreased the maximum exhaust flow rate thereby decreasing the potential emissions from 2,332 lbs/hr to 752 lbs/hr.~~

~~(2) BC-1 Coating Line is not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.440, Subpart RR), because none of the equipment for this coating line was constructed, reconstructed, or modified after the December 30, 1980 rule applicability date.~~

~~(A) The changes to the BC-1 Coating Line do not constitute a modification pursuant to the NSPS modification provisions of 40 CFR 60.14.~~

~~(3) BC-2 Coating Line is not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.440, Subpart RR) because pursuant to CP-009-9364-00004, issued on July 10, 1998:~~

~~(i) The BC-2 Coating Line was originally constructed in 1963 (prior to the applicability date of December 30, 1980);~~

~~(ii) The changes to the BC-2 Coating Line do not constitute a reconstruction because the fixed cost of the new equipment does not exceed 50% of the fixed capital cost required to construct an entirely new facility; and~~

~~(iii) The changes to the BC-2 Coating Line do not constitute a modification. The NSPS modification provisions of 40 CFR 60.14 apply when a physical or operational change occurs which could result in an increase in the hourly potential emissions, unless such change qualifies for one of the exemptions at 40 CFR 60.14(e). The emission rate before and after a physical or operational change is evaluated by comparing the hourly potential emissions under maximum capacity immediately before the change to emissions at maximum capacity after the change. Under the General Provisions of the NSPS, only physical limitations on maximum capacity are considered in determining potential emissions. There was no change to the maximum capacity or hourly potential emissions based on the maximum capacity, as a result of the 1998 changes made to the BC-2 Coater.~~

~~(4) The three (3) boilers (EU008, EU009, EU010), all constructed in 1986, are not subject to New Source Performance Standard, 326 IAC 12, (40 CFR 60.40c, Subpart Dc) because the affected facility to which this subpart applies is each steam generating unit for which construction, modification, or reconstruction is commenced after June 9, 1989 and that has a maximum design heat input capacity of 29 megawatts (MW) (100 million Btu per hour (Btu/hr) or less, but greater than or equal to 2.9 MW (10 million Btu/hr).~~

~~(5) The storage tanks T001 and T006 are not subject to New Source Performance Standard, 326 IAC 12 (40 CFR 60.110 and 110a, Subparts K and Ka) because the tanks were constructed in 1988 and 1986, respectively, and the storage capacity of each tank is less than 40,000 gallons. The storage tanks T001 and T006 are not subject to New Source Performance Standard, 326 IAC 12 (40 CFR Part 60.110b, Subpart Kb), because they have a true vapor pressure of less than 15.0 kPa. Therefore these requirements are not included in this permit.~~

~~(6) Storage tank T003 is not subject to New Source Performance Standard, 326 IAC 12 (40 CFR 60.110, 110a, and 110b, Subparts K, Ka and Kb) because it was~~

~~constructed in 1976, prior to the rule applicability date of July 23, 1984 for Kb, and because the storage capacity of the tank is less than 40,000 gallons for K and Ka.~~

~~(7) Storage tanks T008, T009, and T012 are not subject to New Source Performance Standard, 326 IAC 12 (40 CFR 60.110, 110a, and 110b, Subparts K, Ka and Kb) because the tanks were constructed in 1999, 1985 and 2000, respectively, and the storage tank capacity of each tank is less than 40 cubic meters for Kb.~~

~~(8) Storage tanks T002, T004, T005, T007 and T011 are not subject to New Source Performance Standard, 326 IAC 12 (40 CFR 60.110, 110a, and 110b, Subparts K, Ka and Kb) because the tanks were constructed in 1997, 1997, 1997, 1992 and 1991, respectively, and the storage capacity of each tank is less than 40 cubic meters for Kb.~~

~~(9) This source is not subject to New Source Performance Standard, 326 IAC 12, (40 CFR 60.430, Subpart QQ) because the affected facility to which the provisions of this subpart apply is for publication rotogravure printing press. This source does not use publication rotogravure printing press.~~

~~(10) The degreasers are not subject to National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63.460, Subpart T. The degreasers do not use any halogenated solvent cleaners.~~

~~(11) This source is not subject to National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63.701, Subpart EE. This source does not have any magnetic tape manufacturing operations.~~

~~(12) This source is not subject to National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63.820, Subpart KK. This source does not use publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.~~

~~(13) This source was not subject to 326 IAC 2-2 (Prevention of Significant Deterioration). The source was initially constructed in 1957, prior to the August 7, 1977 (326 IAC 2-2, Prevention of Significant Deterioration (PSD)) rule applicability date. Potential volatile organic compound (VOC) emissions from the source were greater than 250 tons per year on August 7, 1977 and are considered a PSD major source. The source had several modifications after the August 7, 1977 rule applicability date, as are detailed below that were not major modifications. However, the modification of the BC-1 Coating Line to incorporate the Coating Station No. 2 was a major modification pursuant to 326 IAC 2-2 (PSD).~~

~~(A) The three (3) No. 2 Fuel Oil fired boilers, each constructed in 1986, did not trigger PSD applicability. The potential NOx emissions from each of the three (3) boilers were calculated to be 7.9 tpy, or 23.7 tpy (combined), when burning No. 2 Fuel Oil, based on the maximum boiler capacity and US EPA AP- 42 emissions factors, which is less than the PSD major modification significant emission rate threshold for NOx (as NO2) of 40 tpy. The sulfur content of the No. 2 fuel oil used for the three (3) boilers shall be limited such that combined sulfur dioxide emissions from the three (3) boilers do not exceed 40 tons (PSD major modification significant emission rate threshold for SO2) per year. Therefore, the~~

~~construction of the three boilers was not subject to the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration).~~

~~(B) Pursuant to CP-009-3127-00004, issued on March 7, 1994, the VCS Coating Line did not trigger PSD applicability. The controlled potential to emit VOC from this facility is equal to 9.20 tpy, after enforceable controls utilizing a thermal oxidizer for VOC emission control. This is less than PSD major modification significant emission rate threshold for VOC of 40 tpy. Therefore, the installation of VCS coating line was not subject to the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration).~~

~~(C) Pursuant to CP-009-3871-00004, issued on July 14, 1995, the modification of the BA Coating Line did not trigger PSD applicability. This modification was not a major modification pursuant to 326 IAC 2-2 because the source agreed to limit future actual VOC emissions from the BA Coating Line to no more than 39 tpy above the baseline actual emissions for the existing line. Pursuant to 40 CFR 52.21(B)(21) and 326 IAC 2-2-1(b), actual emissions are generally defined in terms of the two (2) year period preceding a modification when such time-frame represents normal operations. However, the same definition provides for the use of a different 2-year period if such is more representative of normal source operations. During the permit review process for CP009-3871, 3M provided information to IDEM to show that the BA Coater did not have actual emissions reflective of normal operations during any 2-year period after 1989, and that the proposed modification would result in more normal, pre-1989, operations. As such, IDEM, OAQ, agreed that the 2-year period, 1989-1990, would represent normal operations and the related average actual emission rate was determined as 967 tons VOC per year. For the BA Coating Line modification, the total VOC emission rate was limited to 967 tpy, plus 39 tpy, or 1,006 tpy. Therefore, the modification of the BA Coating Line was not subject to the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration). This emission limit notwithstanding, the source also decided to use a thermal oxidizer on the BA Coating line with a VOC control efficiency (capture/destruction) of 75% after the modification. Therefore, the PTE for the BA Coating Line modification, after the installation of thermal oxidizer and in conjunction with VOC usage limit of 1006 tpy, was 252 tpy.~~

~~(D) Pursuant to CP-009-5747-00004, issued on June 4, 1996, the Extrusion Line did not trigger PSD applicability. The controlled potential to emit VOC from this facility is equal to 14 tpy, after enforceable controls utilizing a thermal oxidizer for VOC emission control. This is less than PSD major modification significant emission rate threshold for VOC of 40 tpy. Therefore, the installation of Extrusion Line was not subject to the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration).~~

~~(E) Pursuant to CP-009-9364-00004, issued on July 10, 1998, the modification of the BC-2 Coating Line did not trigger PSD applicability. This modification was not a major modification pursuant to 326 IAC 2-2 because this source agreed to limit future VOC emissions from the BC-2 Coating Line to no more than 39 tpy above the baseline actual emissions for the line. Pursuant to 40 CFR 52.21(B)(21) and 326 IAC 2-2-1(b), actual emissions are generally defined in terms of the two (2) year period preceding a modification when such time-frame represents normal operations. However, the same definition provides for the use of a~~

~~different 2-year period if such is more representative of normal source operations. During the permit review process for CP009-9364, 3M provided information to IDEM to show that the BC-2 Coater did not have actual emissions reflective of normal operations during any 2-year period after 1993, and that the proposed modification would result in more normal, pre-1993, operations. As such, IDEM, OAQ, agreed that the 2-year period, 1992-1993, would represent normal operations and the related average actual emission rate was determined as 446 tons VOC per year. For the BC-2 Coating Line modification, the total VOC emission rate was limited to 446 tpy, plus 39 tpy, or 485 tpy.~~

~~Therefore, the modification of the BC-2 Coating Line was not subject to the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration).~~

~~(14) This source is not subject to 326 IAC 2-4.1-1 (New Source Toxics Control). Pursuant to 326 IAC 2-4.1-1 (New Source Toxics Control), any new process or production unit, which in and of itself emits or has the PTE 10 tons per year of any HAP or 25 tons per year of the combination of HAPs, and is constructed or reconstructed after July 27, 1997, must be controlled using technologies consistent with Maximum Achievable Control Technology (MACT).~~

~~All the emission units and pollution control equipment for this source were constructed before the July 27, 1997 rule applicability date. Therefore the requirements of this rule do not apply to this source.~~

~~(15) The oven zones from the BA, BC-1, BC-2, VCS Coating Lines and the heaters from the Extrusion Line are not subject to 326 IAC 6-2-4 (Emission Limitations for Sources of Indirect Heating). The oven zones from the BA, BC-1, BC-2, VCS Coating Line and the heaters from the Extrusion Line are not indirect heating facilities.~~

~~(16) The BC-1 and BC-2 Coating Lines are not subject to 326 IAC 8-1-6 (New Facilities; General Reduction Requirements). This rule requires all facilities constructed after January 1, 1980, which have potential VOC emission rates of 25 or more tons per year, and which are not otherwise regulated by other provisions of 326 IAC 8, to reduce VOC emissions using Best Available Control Technology (BACT). The two (2) Coating Lines were constructed before 1980, therefore, the requirements of 326 IAC 8-1-6 (New Facilities; General Reduction Requirements) do not apply.~~

~~(17) The VCS Coating Line is not subject to the requirements of 326 IAC 8-1-6 (New Facilities; General Reduction Requirements), because it is subject to the requirements of 326 IAC 8-2-5 (Paper Coating Operations).~~

~~(18) The BC-1 and BC-2 Coating Lines are not subject to 326 IAC 8-2-5 (Paper Coating Operations). The two (2) Coating Lines are located in Blackford County and were constructed prior to the applicability date of January 1, 1980, specified in 326 IAC 8-2-1(a)(2).~~

~~(19) This source is not subject to 326 IAC 8-4-3 (Petroleum Liquid Storage Facilities). This rule applies to all petroleum liquid storage vessels with capacities greater than one hundred fifty thousand (150,000) liters (thirty-nine thousand (39,000) gallons) containing volatile organic compounds whose true vapor pressure is greater than 10.5 kPa (1.52 psi). Tanks (T001-T011) are not subject to 326 IAC 8-4-3 (Petroleum Liquid Storage Facilities) because these petroleum liquid storage vessels have capacities less than 39,000 gallons.~~

~~(20) This source is not subject to 326 IAC 8-6 (Organic Solvent Emission Limitations). This rule applies to sources existing as of January 1, 1980, located in Lake and Marion Counties, as well as to facilities commencing operation after October 7, 1974 and prior to January 1, 1980 that are located anywhere in the state, with potential VOC emissions of 100 tons per year or more, and not regulated by any other provision of Article 8. All the facilities for this source, located in Blackford County were either constructed before October 7, 1974 or after January 1, 1980. Therefore, this rule does not apply to this source.~~

~~(23) This source is not subject to 326 IAC 8-7 (Specific VOC Reduction Requirements for Lake, Porter, Clark and Floyd Counties). The requirements of this rule apply to stationary sources located in Lake, Porter, Clark and Floyd Counties that emit or have the potential to emit VOCs at levels equal to or greater than 25 tons per year in Lake and Porter Counties; 100 tons per year in Clark and Floyd Counties; and to any coating facility that emits or has the potential to emit 10 tons per year or greater in Lake, Porter, Clark or Floyd County. The source is located in Blackford County. Therefore, this rule is not applicable to this source.~~

~~(24) This source is not subject to 326 IAC 8-9 (Volatile Organic Liquid Storage Vessels). On and after October 1, 1995, this rule applies to stationary vessels used to store volatile organic liquid (VOL) that are located in Clark, Floyd, Lake, or Porter County. Tanks (T001-T011) are not subject to 326 IAC 8-9 (Volatile Organic Liquid Storage Vessels), because these tanks are located in Blackford County.~~

~~(c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.~~

~~(d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. 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.~~

~~(e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:~~

~~(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;~~

~~(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;~~

~~(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and~~

~~(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.~~

~~(f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).~~

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

~~(h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ has issued the modification. [326 IAC 2-7-12(b)(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 T009-26248-00004 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 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]~~

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

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

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

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

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

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

~~(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:~~

~~(1) That this permit contains a material mistake.~~

~~(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.~~

~~(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]~~

~~(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]~~

~~(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]~~

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

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

~~Indiana Department of Environmental Management~~
~~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 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 shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

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

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

~~(c) Emission Trades [326 IAC 2-7-20(c)]~~
~~The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).~~

~~(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]~~
~~The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.~~

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

~~B.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.~~

~~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~~

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

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

~~B.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 Opacity [326 IAC 5-1]~~

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

~~(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.~~

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

~~C.2 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.3 Incineration [326 IAC 4-2] [326 IAC 9-1-2]~~

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

~~C.4 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.5 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 by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

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

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

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

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

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

~~(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.~~

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

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

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

~~(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

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

~~Compliance Requirements [326 IAC 2-1.1-11]~~

~~C.7 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.8 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]~~

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

~~Indiana Department of Environmental Management~~
~~Compliance 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 the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

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

~~C.9 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]~~

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

~~C.10 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.11 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]~~

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

~~(a) The Permittee shall maintain the most recently submitted and approved written emergency reduction plans (ERPs) consistent with safe operating procedures.~~

~~(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.12 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.13 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]~~

~~(a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.~~

~~(b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:~~

~~(1) initial inspection and evaluation;~~

~~(2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or~~

~~(3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.~~

~~(c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:~~

~~(1) monitoring results;~~

~~(2) review of operation and maintenance procedures and records; and/or~~

~~(3) inspection of the control device, associated capture system, and the process.~~

~~(d) Failure to take reasonable response steps shall be considered a deviation from the permit.~~

~~(e) The Permittee shall maintain the following records:~~

~~(1) monitoring data;~~

~~(2) monitor performance data, if applicable; and~~

~~(3) corrective actions taken.~~

~~C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]~~

~~(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.~~

~~(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.~~

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

~~The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

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

~~C.15 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]~~

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

~~(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);~~

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

~~The statement must be submitted to:~~

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

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

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

~~C.16 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, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance or ninety (90) days of initial start-up, whichever is later.~~

~~(c) 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(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) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) 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.17 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2]~~

~~(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:~~

~~Indiana Department of Environmental Management
Compliance 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) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(e) 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 within sixty (60) days after the end of the year and contain the following:~~

~~(1) The name, address, and telephone number of the major stationary source.~~

~~(2) The annual emissions calculated in accordance with (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 deems fit to include in this report.~~

~~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.18 Compliance with 40 CFR 82 and 326 IAC 22-1~~

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

~~(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.~~

~~(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.~~

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

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, T009-26248-00004, 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 or of permits issued pursuant to Title IV of the Clean Air Act and 326 IAC 21 (Acid Deposition Control).

(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] [IC 13-17-12]

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

B.5 Severability [326 IAC 2-7-5(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 this 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 meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

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

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

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

The Permittee shall implement the PMPs.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(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 Office of Air Quality, 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 T009-26248-00004 **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

(4) 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, except for permits issued pursuant to Title IV of the Clean Air Act and 326 IAC 21 (Acid Deposition Control)

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 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.16 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.17 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12] [40 CFR 72]

(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) Pursuant to 326 IAC 2-7-11(b) and 326 IAC 2-7-12(a), administrative Part 70 operating permit amendments and permit modifications for purposes of the acid rain portion of a Part 70 permit shall be governed by regulations promulgated under Title IV of the Clean Air Act. [40 CFR 72]

(c) 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).

(d) 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.18 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.19 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.

(f) This condition does not apply to emission trades of SO_2 or NO_X under 326 IAC 21 or 326 IAC 10-4.

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.21 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.22 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.23 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.24 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 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.2 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.3 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.4 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.5 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 Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

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

C.6 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.7 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.8 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 of initial start-up, whichever is later, to begin such monitoring. If due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial startup, whichever is later, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

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.9 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.

(c) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

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

C.10 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

(a) The Permittee shall maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.

(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.11 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.12 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.13 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.14 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]

In accordance with the compliance schedule specified in 326 IAC 2-6-3(a)(1), 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);

(3) 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.15 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(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(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) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) 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.16 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(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) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

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

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

Conclusion and Recommendation

The construction and operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Significant Source Modification No. 167-31288-00033 and Significant Permit Modification No. 167-31309-00033. The staff recommends to the Commissioner that this Part 70 Significant Source and Significant Permit Modification be approved.

IDEM Contact

(a) Questions regarding this proposed permit can be directed to Swarna Prabha at the Indiana Department Environmental Management, Office of Air Quality, 100 North Senate Avenue, MC61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-5376 or toll free at 1-800-451-6027 extension 4-5376.

(b) A copy of the findings is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/

(c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

Appendix A: Emissions Calculations
Press #41

Company Name: Bemis Company, Inc.
Address City IN Zip: 1350 North Fruitridge Avenue, Terre Haute, IN 47804-4218
T V Permit No.: 167-27050-00033
Significant Source Modification No.: 167-31288-00033
Significant Permit Modification No.: 167-31309-00033
Reviewer: Swarna Prabha
Date: 1/17/2012

PTE of Modification	**Uncontrolled PTE (ton per year)**								**Limited Emissions (ton per year)**							
New Emission Units	VOC	CO	NOx	PM	PM10	PM2.5	SOx	**CO2e	*VOC	CO	NOx	PM	PM2.5	PM10	SOx	CO2e
Printing Press #41	2,833.87	0.00	0.00	0.00	0.00	0.00	0.00	0.0	39.9	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Dryer (Combustion)	0.02	0.23	0.28	0.01	0.02	0.02	0.002	335.8	0.02	0.23	0.28	0.01	0.02	0.02	0.002	335.8
Dusting	0.00	0.00	0.00	0.41	0.04	0.04	0.00	0.0	0.00	0.00	0.00	0.41	0.04	0.41	0.00	0.0
Modification Total PTE	2,833.89	0.23	0.28	0.41	0.06	0.06	0.002	335.8	39.92	0.23	0.28	0.41	0.06	0.43	0.00	335.79
**Existing Combustion units for CO2e only	-	-	-	-	-	-	-	100,595.5	-	-	-	-		-	-	100,595.5
Source wide Total for CO2e	-	-	-	-	-	-	-	**100,931.3**	-	-	-	-		-	-	**100,931.3**

For purposes of $PM_{2.5}$ estimation, the combustion related emissions and dusting operation are assumed to be the same as the PM_{10} estimates.

* Requesting VOC limt of less than 40 tons per year in this application.

**Pursuant to 326 IAC 2-7-1(39), starting July 1, 2011, greenhouse gases (GHGs) emissions are subject to regulation at a source with a potential to emit 100,000 tons per year or more of CO2 equivalent (CO2e) emissions . Therefore, CO2e emissions have been calculated (page 6) for this source. Based on the calculations, the potential to emit (PTE) greenhouse gases from the entire source is greater than 100,000 tons of CO2e per year.

Appendix A: Emissions Calculations

VOC From Printing Press #41 Operations

Company Name: Bemis Company, Inc.
Address City IN Zip: 1350 North Fruitridge Avenue, Terre Haute, In 47804-4218
T V Permit No.: 167-27050-00033
Significant Source Modification No.: 167-31288-00033
Significant Permit Modification No.: 167-31309-00033
Reviewer: Swarna Prabha
Date: 1/17/2012

Potentail Emissions

	Coating A	Coating B	
Wt% Solids	22.6%	56.9%	
Vol% Solids	*15.2%*	*36.4%*	
Wt% Solvent	77.4%	41.8%	
Vol% Solvent	*84.8%*	*62.1%*	
lbs Solid/Ream/100% Coverage	0.50	1.00	
lbs VOC/Ream/100% Coverage	*1.71*	*0.73*	
Coating Density (lb/gal)	7.50	10.03	
VOC Density (lb/gal)	*6.84*	*6.75*	
% Coverage	200%	100%	
% Annual Usage	100%	100%	
Maximum Usage (gal/hr)	91.8	27.3	
PTE lb VOC/hr (uncontrolled)	532.6	114.4	647.0
PTE lb VOC/hr (after control)	26.6	5.7	
Maximum Usage (gal/yr)	803,774	239,101	
PTE Tons VOC/yr (uncontrolled)	2332.7	501.2	2833.9
PTE Tons VOC/yr (after control)	116.6	25.1	141.7

Note: The coating B is 1.5% by weight water. For that reason the percentages presented here for solids and VOC do not add to 100%.

ASSUMPTIONS:

% Machine Runtime/yr	100%	(80% Practical Maximum)
Operational Hours/yr	8760	
% Overall Control Efficiency	95.0%	(Requested Permit Limit)

	Printing
Line Speed (FPM)	
Print/Ctg. Width (inches)	
Reams/hr	

NOTE:

Bemis' "as applied" inks/coatings and solvents are made up of a combination of multiple raw materials. Correspondingly, these raw materials have varying compositions. In addition, depending on the substrate, the anilox being used, the machine speed, and the ambient temperature and humidity, the type and amount of thinning solvent used in blending the "as applied" ink/coating can also change. Therefore, to provide a realistic operating scenario, the formulations as presented represents worstcase formulation for each main catagory.

Appendix A: Emissions Calculations

VOC From Printing Press #41 Operations

Company Name: Bemis Company, Inc.
Address City IN Zip: 1350 North Fruitridge Avenue, Terre Haute In 47804-4218
T V Permit No.: 167-27050-00033
Significant Source Modification No.: 167-31288-00033
Significant Permit Modification No.: 167-31309-00033
Reviewer: Swarna Prabha

Projected Actual Emissions

	Coating A	Coating B	
Wt% Solids	22.6%	56.9%	
Vol% Solids	*15.2%*	*36.4%*	
Wt% Solvent	77.4%	41.8%	
Vol% Solvent	*84.8%*	*62.1%*	
lbs Solid/Ream/100% Coverage	0.50	1.00	
lbs VOC/Ream/100% Coverage	*1.71*	*0.73*	
Coating Density (lb/gal)	7.41	9.51	
VOC Density (lb/gal)	*6.76*	*6.82*	
% Coverage	200%	100%	
% Annual Usage	100%	100%	
Maximum Usage (gal/hr)	51.0	15.8	
MTE lb VOC/hr (uncontrolled)	292.3	62.8	
PTE lb VOC/hr (after control)	4.4	0.9	
Maximum Usage (gal/yr)	312,517	96,872	
MTE Tons VOC/yr (uncontrolled)	896.1	192.5	
PTE Tons VOC/yr (after control)	13.4	2.9	16.3

Note: The coating B is 1.5% by weight water. For that reason the percentages presented here for solids and VOC do not add to 100%.

ASSUMPTIONS:

% Machine Runtime/yr	70%	
Operational Hours/yr	8760	
% Overall Control Efficiency	98.5%	(Current Tested Average Efficiency of the Plant 2 Oxidizer System)

	Printing
Line Speed (FPM)	
Print/Ctg. Width (inches)	
Reams/hr	

NOTE:

Bemis' "as applied" inks/coatings and solvents are made up of a combination of multiple raw materials. Correspondingly, these raw materials have varying compositions. In addition, depending on the substrate, the anilox being used, the machine speed, and the ambient temperature and humidity, the type and amount of thinning solvent used in blending the "as applied" ink/coating can also change. Therefore, to provide a realistic operating scenario, the formulations as presented represents worstcase formulation for each main catagory.

Appendix A: Emissions Calculations

Press #41 Combustion Units

Company Name: Bemis Company, Inc.
Address City IN Zip: 1350 North Fruitridge Avenue, Terre Haute In 47804-4218
T V Permit No.: 167-27050-00033
Significant Source Modification No.: 167-31288-00033
Significant Permit Modification No.: 167-31309-00033
Reviewer: Swarna Prabha
Date : **1/17/2012**

Misc. Burner Capacity Press #41 - 0.635 MMBTU/hr 5.5626 MMCF/yr

	Pollutant						
	PM*	PM10*	PM2.5*	SO2	NOx **see below	VOC	CO
Emission Factor in lb/MMcf	1.9	7.6	7.6	0.6	100	5.5	84
Potential Emission in tons/yr	0.01	0.02	0.02	0.002	0.28	0.02	0.23

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.
PM2.5 emission factor is filterable and condensable PM2.5 combined.
**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology
All emission factors are based on normal firing.
MMBtu = 1,000,000 Btu
MMCF = 1,000,000 Cubic Feet of Gas
Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03
Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	5.841E-06	3.338E-06	2.086E-04	5.006E-03	9.456E-06

	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
PTE in tons/yr	5.250E-10	3.059E-06	3.894E-06	1.057E-06	5.841E-06

Methodology is the same as criteria pollutant calculations above
The five highest organic and metal HAPs emission factors are provided above.
Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Total HAPs
0.146

Appendix A: Emissions Calculations
Natural Gas Combustion Only

Company Name: Bemis Company, Inc.
Address City IN Zip: 1350 North Fruitridge Avenue, Terre Haute In 47804-4218
T V Permit No.: 167-27050-00033
Significant Source Modification No.: 167-31288-00033
Significant Permit Modification No.: 167-31309-00033
Reviewer: Swarna Prabha
Date: 1/17/2012

2010 average powder usage press #41 (lbs/yr)	=	1364
Assumed fraction remaining on web	=	85%
Scaleup factor between average actual use and "potential" use	=	4
PTE PM (lbs/yr)	=	818.4
PTE PM tons/ yr	=	0.41

NOTE 1: This press will be equipped with a "dusting" system to apply very small quantities of a starch based product after printing to prevent the web from sticking to itself. The source claims that most of the material used actually remains on the web and is not emitted to the air.

Note 2: Per the supplier's website these powders are between 15 and 65 microns in size (based on the specfic material). PM10 is assumed .01 of PM.

Methodology:

PTE PM (lbs/yr) = [Average Powder Usage press #41 (lbs/yr)] * scaleup factor *(1- % powder remaining on the web)
PTE PM (tons/yr) = [PTE PM lbs/yr)/ (2000 lbs/ton)]
There are no emission factors for PM2.5 therfore, It is assumed PM 10 = PM2.5

Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100 GHGs

Company Name: Bemis Company, Inc.
Address City IN Zip: 1350 North Fruitridge Avenue, Terre Haute In 47804-4218
T V Permit No.: 167-27050-00033
Significant Source Modification No.: 167-31288-00033
Significant Permit Modification No.: 167-31309-00033
Reviewer: Swarna Prabha
Date: 1/17/2012

	MMBtu/hr	MMCF/yr
Maximum Capacity	190.234	1666.44984

Source wide combustion CO2e emissions potential

Greenhouse Gas Emissions

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120,000.00	2.3	2.2
Existing furnaces and ovens -PTE in tons/yr	99,986.99	1.92	1.83
Press #41 combustion units	333.76	0.01	0.01

Summed Existing Furnaces and ovens Potential Emissions in tons/yr	99,990.74
Summed Press #41 Combustion units -Potential Emissions in tons/yr	333.77
Existing Furnaces and ovens -CO2e in tons/yr	100,595.49
Press #41 Combustion units -CO2e in tons/yr	**335.79**
Total CO2e in tons/yr	**100,931.28**

Methodology

The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.
Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.
Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton
CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).