INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
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Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

TO: Interested Parties / Applicant

DATE: September 5, 2013

RE: ADM Milling Company / 129-32202-00012

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

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures
FNPER.dot 6/13/13

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Kyle Schiffelbein
ADM Milling Company
614 West 2nd Street
Mount Vernon, Indiana 47620

September 5, 2013

Re: 129-32202-00012
First Significant Revision to
F129-22926-00012

Dear Kyle Schiffelbein:

ADM Milling Company was issued a Federally Enforceable State Operating Permit (FESOP) Renewal No. F129-22926-00012 on August 2, 2007 for a stationary grain elevator and a flour and milled wheat process facility, located at 614 West 2nd Street, Mount Vernon, IN 47620. On August 13, 2012, the Office of Air Quality (OAQ) received an application from the source requesting the following:

1. To add the following existing units to the permit: B Elevator - Top / Feed Bins (ES4-Top), C Elevator (ES15), Bulk Flour Rail Load out (ES20), Bulk Flour Truck Load out (ES21), and Rail Receiving (ES22).

2. To remove of the following units from the permit: Germ Classifier (ES11), North Sifter and South Sifter from Bulk Plant (ES12), and Steam Dryer (ES14).

3. To relocate the filter from the Germ Classifier (ES11) to B Elevator Top / Feed Bins (B4), and relocate the filter from the Steam Dryer (ES14) to C Elevator (ES15).

4. To remove the emission unit description for Feed Bin Area (ES18), since this unit is accounted for in the emission unit description for the B Elevator Top/Feed Bins (ES4-Top)

5. To add the Wheat Transfer from 2nd Cleaning to C Mill (ES18).

6. To revise the FESOP and PSD Minor PM, PM10, and PM2.5 emission limitations and testing requirements based on the updated emission unit list and the most recent stack testing.

7. To add a FESOP and PSD Minor Limit for Rail Receiving Pit (ES22) of hours of operation limit of 3556 hours per twelve (12) consecutive month period, and associated recordkeeping and reporting requirements.

8. To update the compliance determination, compliance monitoring, recordkeeping and reporting requirements based on the updated emission unit list and calculations.

9. To update the emission unit descriptions for several other units to update the number and identification of baghouse controls and/or stack IDs and to provide further clarification regarding these units and their associated control devices.

10. To update the permit and emission calculations to include paved roads. The source has indicated that the plant roads at this source will be paved in 2013.

11. To update the normal pressure drop ranges for baghouses associated with ES1, ES4, ES4Top, ES6, ES7, ES8, ES9, ES10, ES12, ES15, ES16, ES17 and ES19 from 1.0 to 8.0 inches of water to 0.5 to 8.0 inches of water.

The attached Technical Support Document (TSD) provides additional explanation of the changes to the source/permit. Pursuant to the provisions of 326 IAC 2-8-11.1, these changes to the permit are required to be reviewed in accordance with the Significant Permit Revision (SPR) procedures of 326 IAC 2-8-11.1(f). Pursuant to the provisions of 326 IAC 2-8-11.1, a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document (TSD).

The following construction conditions are applicable to the proposed project:

1. General Construction Conditions
   The data and information supplied with the application shall be considered part of this source modification approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).

2. This approval to construct does not relieve the permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

3. Effective Date of the Permit
   Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.

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

5. All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.

Pursuant to 326 IAC 2-8-11.1, this permit shall be revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. Attached please find the entire revised permit.

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 Brian Wright, of my staff, at 317-234-6544 or 1-800-451-6027, and ask for extension 4-6544.

Sincerely,

Nathan C. Bell, Section Chief
Permits Branch
Office of Air Quality

Attachments: Technical Support Document and revised permit

NB/bw

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

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Federally Enforceable State Operating Permit Renewal
Indiana Department of Environmental Management
Office of Air Quality

ADM Milling Company
614 W 2nd St
Mount Vernon, Indiana 47620

(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. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

Operation Permit No.: F129-22926-00012	
Original signed by: Nisha Sizemore, Chief Permits Branch, Office of Air Quality	Issuance Date: August 2, 2007 Expiration Date: August 2, 2017

First Administrative Amendment No. F129-25651-00012, issued January 14, 2008

First Significant Permit Revision No. 129-32202-00012	
Issued by: Nathan Bell, Section Chief Permits Branch Office of Air Quality	Issuance Date: September 5, 2013 Expiration Date: August 2, 2017

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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 2-8-3(b)]

The Permittee owns and operates a stationary grain milling plant.

Source Address:	614 W 2nd St, Mount Vernon, Indiana 47620
General Source Phone Number:	812-838-4445
SIC Code:	2041 (Flour and Other Grain Mill Products)
County Location:	Posey
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

(a) One (1) Truck Receiving Pit, enclosed on three (3) sides, identified as ES1, constructed in 1965, with maximum unit capacity of 120 tons per hour, with emissions controlled by a baghouse and exhausting through stack 1.

(b) One (1) Rail Receiving Pit, identified as ES22, constructed prior to 1978, with maximum unit capacity of 190 tons per hour and limited operating hours of 3556 hours per twelve (12) month period.

(c) One (1) B Elevator, identified as ES4, constructed in 1965, with maximum unit capacity of 240 tons per hour, with emissions controlled by a baghouse and exhausting through stack 2.

(d) One (1) B Elevator Top/Feed Bins, identified as ES4-Top, constructed in 1965, with a maximum throughput capacity of 600 tons per hour, with emissions controlled by a baghouse and exhausting through stack 3.

(e) One (1) C Elevator, identified as ES15, constructed in 1975, with a maximum receiving capacity of 120 tons per hour and a maximum throughput capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 25.

(f) One (1) A Elevator, identified as ES6, constructed in 1965, with maximum unit capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 4.

(g) One (1) Wheat Cleaning House, identified as ES7, constructed in 1965, with maximum cleaning capacity of 45.9 tons per hour, with emissions controlled by three (3) baghouses and exhausting through stacks 5, 6 and 7.

(h) One (1) A Mill, identified as ES8, constructed in 1994, with maximum unit capacity of 14.38 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 8 and 9.

(i) One (1) B Mill, identified as ES9, constructed in 1994, with maximum unit capacity of 14.38 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 10 and 11.

(j) One (1) C Mill, identified as ES10, constructed in 1974, with maximum unit capacity of 15.81 tons per hour, with emissions controlled by three baghouses and exhausting through stacks 12, 14, and 16.

(k) One (1) Bulk Plant, identified as ES12, constructed in 1974, with maximum unit capacity of 54 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 19 and 22.

(l) Rail Flour Loadout Bins, identified as ES16, constructed in 1979, with maximum unit capacity of 32.29 tons per hour, with emissions controlled by a baghouse and exhausting through stack 26.

(m) One (1) Hammermill, identified as ES17, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 27.

(n) One (1) Wheat Transfer from 2nd Cleaning to C Mill, identified as ES18, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 28.

(o) One (1) Truck Feed Loadout Area, identified as ES19, constructed in 1979, with maximum unit capacity of 28 tons per hour, with emissions controlled by a baghouse and exhausting through stack 30.

(p) One (1) Bulk Rail Loadout Area, identified as ES20, constructed prior to 2002, with maximum unit capacity of 10.95 tons per hour, with emissions controlled by removable filter socks.

(q) One (1) Bulk Truck Loadout Area, identified as ES21, constructed prior to 2002, with maximum unit capacity of 18.38 tons per hour, with emissions controlled by removable filter socks.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities:

(a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:

(1) Two (2) natural gas fired boilers, identified as Boiler No. 1 and Boiler No. 2, rated at 5.2 and 4.2 MMBtu/hr, respectively. Boiler No. 1, installed in 1966, serves as a primary boiler, and Boiler No. 2, installed in 1974, serves as a backup unit.

(b) Paved roads and parking lots with public access.

(c) A laboratory as defined in 326 IAC 2-7-1(21)(H).

A.4 FESOP Applicability [326 IAC 2-8-2]

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

SECTION B GENERAL CONDITIONS

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

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

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

(a) This permit, F129-22926-00012, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

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

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

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

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

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

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

B.5 Severability [326 IAC 2-8-4(4)]

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

B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

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

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

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

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

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

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

(1) it contains a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1), and

(2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

(c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

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

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

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

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

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

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

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

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

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

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

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

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

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

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

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

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

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

The Permittee shall implement the PMPs.

(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

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

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

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Southeast Regional Office phone: (812) 358-2027; fax: (812) 358-2058**.**

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

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

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

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

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

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

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

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

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

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

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

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

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

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

(a) All terms and conditions of permits established prior to F129-22926-00012 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

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

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

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

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

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

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(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 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

(1) That this permit contains a material mistake.

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

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3.

Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

(b) A timely renewal application is one that is:

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

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

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

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

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

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

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

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

B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

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

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

(2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

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

(4) The Permittee notifies the:

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

and

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

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

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

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

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

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

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

B.20 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as

such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

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

B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

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

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

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ no later than thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Failure to pay may result in administrative enforcement action or revocation of this permit.

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

B.24 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

C.2 Overall Source Limit [326 IAC 2-8]

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

(a) Pursuant to 326 IAC 2-8:

(1) The potential to emit any regulated pollutant, except particulate matter (PM) and greenhouse gases (GHGs), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.

(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(4) The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO_2 equivalent emissions (CO_2e) per twelve (12) consecutive month period.

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

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

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

C.3 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

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

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

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

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

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

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

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

All required notifications shall be submitted to:

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

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

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

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

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

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

C.9 Performance Testing [326 IAC 3-6]

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

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

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

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

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

C.12 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.13 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale. The analog instrument shall be capable of measuring values outside of the normal range.

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

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

C.14 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

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

C.15 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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

(a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) initial inspection and evaluation;

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

(3) any necessary follow-up actions to return operation to normal or usual manner of operation.

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

(1) monitoring results;

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

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

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

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

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline

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

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

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

C.17 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following, where applicable:

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

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

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

These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.18 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

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

(b) The address for report submittal is:

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

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

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

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) One (1) Truck Receiving Pit, enclosed on three (3) sides, identified as ES1, constructed in 1965, with maximum unit capacity of 120 tons per hour, with emissions controlled by a baghouse and exhausting through stack 1.

(b) One (1) Rail Receiving Pit, identified as ES22, constructed prior to 1978, with maximum unit capacity of 190 tons per hour and limited operating hours of 3556 hours per twelve (12) month period.

(c) One (1) B Elevator, identified as ES4, constructed in 1965, with maximum unit capacity of 240 tons per hour, with emissions controlled by a baghouse and exhausting through stack 2.

(d) One (1) B Elevator Top/Feed Bins, identified as ES4-Top, constructed in 1965, with a maximum throughput capacity of 600 tons per hour, with emissions controlled by a baghouse and exhausting through stack 3.

(e) One (1) C Elevator, identified as ES15, constructed in 1975, with a maximum receiving capacity of 120 tons per hour and a maximum throughput capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 25.

(f) One (1) A Elevator, identified as ES6, constructed in 1965, with maximum unit capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 4.

(g) One (1) Wheat Cleaning House, identified as ES7, constructed in 1965, with maximum cleaning capacity of 45.9 tons per hour, with emissions controlled by three (3) baghouses and exhausting through stacks 5, 6 and 7.

(h) One (1) A Mill, identified as ES8, constructed in 1994, with maximum unit capacity of 14.38 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 8 and 9.

(i) One (1) B Mill, identified as ES9, constructed in 1994, with maximum unit capacity of 14.38 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 10 and 11.

(j) One (1) C Mill, identified as ES10, constructed in 1974, with maximum unit capacity of 15.81 tons per hour, with emissions controlled by three baghouses and exhausting through stacks 12, 14, and 16.

(k) One (1) Bulk Plant, identified as ES12, constructed in 1974, with maximum unit capacity of 54 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 19 and 22.

(l) Rail Flour Loadout Bins, identified as ES16, constructed in 1979, with maximum unit capacity of 32.29 tons per hour, with emissions controlled by a baghouse and exhausting through stack 26.

(m) One (1) Hammermill, identified as ES17, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 27.

(n) One (1) Wheat Transfer from 2nd Cleaning to C Mill, identified as ES18, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 28.

(o) One (1) Truck Feed Loadout Area, identified as ES19, constructed in 1979, with maximum unit capacity of 28 tons per hour, with emissions controlled by a baghouse and exhausting through stack 30.

(p) One (1) Bulk Rail Loadout Area, identified as ES20, constructed prior to 2002, with maximum unit capacity of 10.95 tons per hour, with emissions controlled by removable filter socks.

(q) One (1) Bulk Truck Loadout Area, identified as ES21, constructed prior to 2002, with maximum unit capacity of 18.38 tons per hour, with emissions controlled by removable filter socks.

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

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

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

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from the following facilities shall be limited as follows:

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

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

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

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

The following table shows the maximum process weight rate for specific emission units and the allowable rate of emissions calculated for that process weight. The grain, corn and soybeans processed at this facility are each estimated to weigh 60 pounds per bushel.

Emissions Unit	Maximum Process Weight Rate (tons/hr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
Receiving		
Straight Truck (ES1)	120.0	53.13
Rail (ES22)	190.0	57.95
Internal Handling		
A Elevator (ES6)	300.0	63.00
B Elevator (ES4)	240.0	60.50
B Elevator Top (ES4 - Top)	600.0	71.16
C Elevator (ES15)	300.0	63.00
Wheat Cleaning House (ES7)	45.9	43.78
Milling		
A Mill (ES8)	14.4	24.46
B Mill (ES9)	14.4	24.46
C Mill (ES10)	15.8	26.07
Bulk Plant (ES12)	54.0	45.30

Emissions Unit	Maximum Process Weight Rate (tons/hr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
Bagging and Loadout		
Rail Flour Loadout Bins (ES16)	32.3	40.60
Hammermill (ES17)	12.7	22.53
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	12.7	22.53
Truck Feed Loadout Area (ES19)	28.0	38.23
Bulk Rail Loadout Area (ES20)	11.0	20.38
Bulk Truck Loadout Area (ES21)	18.4	28.83

D.1.2 PSD Minor PM Limits [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (PSD) not applicable, PM emissions from the following facilities shall be less than the following emission limitations:

Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM Emissions Limit (lb/hr)
ES1	Truck Receiving Pit	Baghouse (stack 1)	3.85
ES6	A Elevator	Baghouse (stack 4)	1.13
ES4	B Elevator	Baghouse (stack 2)	3.51
ES4 - Top	B Elevator-Top	Baghouse (stack 3)	1.13
ES15	C Elevator	Baghouse (stack 25)	0.91
ES7	Wheat Cleaning	Baghouse (stack 5)	2.94
		Baghouse (stack 6)	2.94
		Baghouse (stack 7)	3.73
ES8	A Mill	Baghouse (stack 8)	3.17
		Baghouse (stack 9)	4.87
ES9	B Mill	Baghouse (stack 10)	3.17
		Baghouse (stack 11)	5.21
ES10	C Mill	Baghouse (stack 12)	3.17
		Baghouse (stack 14)	3.17
		Baghouse (stack 16)	1.47
ES12	Bulk Plant	Baghouse (stack 19)	0.91
		Baghouse (stack 22)	0.91
ES16	Rail Flour Loadout Bins	Baghouse (stack 26)	1.70
ES17	Hammermill	Baghouse (stack 27)	1.92
ES18	Wheat Transfer from 2nd Cleaning to C Mill	Baghouse (stack 28)	1.92
ES19	Truck Feed Loadout Area	Baghouse (stack 30)	0.34
ES20	Bulk Rail Loadout Area	Removable filter socks	0.23
ES21	Bulk Truck Loadout Area	Removable filter socks	0.23
		Total (lb/hr)	52.51

Compliance with these limits, combined the potential to emit PM from all other emission units at this source, shall limit the source-wide PM emissions to less than 250 tons per year and shall render the requirements of 326 IAC 2-2 (PSD) not applicable.

D.1.3 FESOP and PSD Minor PM10 and PM2.5 Limits [326 IAC 2-8-4] [326 IAC 2-2]

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable, PM10 and PM2.5 emissions from the following facilities shall be less than the following emission limitations:

Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM10 Emissions Limit (lb/hr)	PM2.5 Emissions Limit (lb/hr)
ES1	Truck Receiving Pit	Baghouse (stack 1)	0.34	0.34
ES6	A Elevator	Baghouse (stack 4)	0.10	0.10
ES4	B Elevator	Baghouse (stack 2)	0.31	0.31
ES4 - Top	B Elevator-Top	Baghouse (stack 3)	0.10	0.10
ES15	C Elevator	Baghouse (stack 25)	0.08	0.08
ES7	Wheat Cleaning	Baghouse (stack 5)	0.26	0.26
		Baghouse (stack 6)	0.26	0.26
		Baghouse (stack 7)	0.33	0.33
ES8	A Mill	Baghouse (stack 8)	2.06	2.06
		Baghouse (stack 9)	3.16	3.16
ES9	B Mill	Baghouse (stack 10)	2.06	2.06
		Baghouse (stack 11)	3.38	3.38
ES10	C Mill	Baghouse (stack 12)	2.06	2.06
		Baghouse (stack 14)	2.06	2.06
		Baghouse (stack 16)	0.96	0.96
ES12	Bulk Plant	Baghouse (stack 19)	0.08	0.08
		Baghouse (stack 22)	0.08	0.08
ES16	Rail Flour Loadout Bins	Baghouse (stack 26)	0.15	0.15
ES17	Hammermill	Baghouse (stack 27)	0.17	0.17
ES18	Wheat Transfer from 2nd Cleaning to C Mill	Baghouse (stack 28)	0.17	0.17
ES19	Truck Feed Loadout Area	Baghouse (stack 30)	0.03	0.03
ES20	Bulk Rail Loadout Area	Removable filter socks	0.02	0.02
ES21	Bulk Truck Loadout Area	Removable filter socks	0.02	0.02
		Total (lb/hr)	18.24	18.24

Compliance with these limits, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide PM10 and PM2.5 emissions to less than 100 tons per year, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable.

D.1.4 FESOP and PSD Minor Limit [326 IAC 2-8-4] [326 IAC 2-2]

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable, the operating hours of the Rail Receiving Pit (ES22) shall not exceed 3556 hours per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this limit, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide PM emissions to less than 250 tons per year, and shall render the requirements of 326 IAC 2-2 (PSD) not applicable.

Compliance with this limit, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide PM10 and PM2.5 emissions to less than 100 tons per year, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable.

D.1.5 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.1.6 Particulate Control

(a) In order to comply with Conditions D.1.1, D.1.2, and D.1.3, the baghouses for PM, PM10 and PM2.5 control shall be in operation and control emissions from the facilities ES1, ES4, ES4Top, ES15, ES6, ES7, ES8, ES9, ES10, ES12, ES16, ES17, ES18 and ES19 at all times that these facilities are in operation.

(b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notifications shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

D.1.7 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

(a) Not later than November 26, 2017, in order to determine compliance with Conditions D.1.1, D.1.2, and D.1.3, the Permittee shall perform PM, PM10, and PM2.5 testing of one (1) of the emission units within each Group for Group 1 and Group 2 as specified in the following table, utilizing methods as approved by the Commissioner. Testing must include all stacks for units with multiple controls. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. Testing of any individual emission unit within a group shall not be repeated until each emission unit within the group has been tested. In addition to these requirements, IDEM may require compliance testing when necessary to determine if these facilities are in compliance. PM10 includes filterable and condensible PM10. PM2.5 includes filterable and condensible PM2.5. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

EMISSION UNITS GROUPINGS			
Group	Emission Unit ID	Emission Unit Description	Control Device (stack ID)
Group 1	ES4	B Elevator	Baghouse (stack 2)
	S4 - Top	B Elevator-Top	Baghouse (stack 3)
Group 2	ES6	A Elevator	Baghouse (stack 4)
	ES15	C Elevator	Baghouse (stack 25)

(b) Not later than November 26, 2017, in order to determine compliance with Conditions D.1.1, D.1.2, and D.1.3, the Permittee shall perform PM, PM10, and PM2.5 testing of each of the emission units specified in the following table, utilizing methods as approved by the Commissioner. Testing must include all stacks for units with multiple controls. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM10 includes filterable and condensible PM10. PM2.5 includes filterable and condensible PM2.5. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C

- Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

Emission Unit ID	Emission Unit Description	Control Device (stack ID)
ES17	Hammermill	Baghouse (stack 27)
ES8	A Mill	Baghouse (stack 8)
		Baghouse (stack 9)
ES9	B Mill	Baghouse (stack 10)
		Baghouse (stack 11)
ES10	C Mill	Baghouse (stack 12)
		Baghouse (stack 14)
		Baghouse (stack 16)

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

D.1.8 Visible Emissions Notations

(a) Visible emission notations of ES1, ES4, ES4Top, ES6, ES7, ES8, ES9, ES10, ES12, ES15, ES16, ES17, ES18 and ES19 stack exhausts (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 19, 22, 25, 26, 27, 28 and 30) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps. Section C – Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.1.9 Parametric Monitoring

The Permittee shall record the pressure drop across each of the baghouses associated with ES1, ES4, ES4Top, ES6, ES7, ES8, ES9, ES10, ES12, ES15, ES16, ES17, ES18 and ES19, at least once per day when these processes are in operation. When for any one reading, the pressure drop across the baghouses is outside the normal range the Permittee shall take a reasonable response. The normal range for these units is a pressure drop between 0.5 and 8.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

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

D.1.10 Broken or Failed Bag Detection

In the event that bag failure has been observed:

(a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

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

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

D.1.11 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.4, the Permittee shall maintain records of the hours of operation for Rail Receiving Pit (ES22) each month and each compliance period. Records may include but are not limited to the number of rail cars unloaded and the maximum unloading time per car.

(b) To document the compliance status with Condition D.1.8, the Permittee shall maintain a daily record of visible emission notations of the stack exhausts (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 19, 22, 25, 26, 27, 28 and 30). The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g., the process did not operate that day).

(c) To document the compliance status with Condition D.1.9, the Permittee shall maintain records once per day of the pressure drop across the baghouses controlling ES1, ES4, ES4Top, ES6, ES7, ES8, ES9, ES10, ES12, ES15, ES16, ES17, ES18 and ES19. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g., the process did not operate that day).

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

D.1.12 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.1.4 shall be submitted using the reporting form located at the end of this permit, or its equivalent, no later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee’s obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

(a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:

(1) Two (2) natural gas fired boilers, identified as Boiler No. 1 and Boiler No. 2, rated at 5.2 and 4.2 MMBtu/hr, respectively. Boiler No. 1, installed in 1966, serves as a primary boiler, and Boiler No. 2, installed in 1974, serves as a backup unit.

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

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

D.2.1 Particulate Matter Limitation (PM) [326 IAC 6-2-3]

(a) Pursuant to 326 IAC 6-2-3(d) (Particulate Matter Emission Limitations for Sources of Indirect Heating), particulate matter (PM) emissions from one (1) natural gas fired boiler, identified as Boiler No. 1, constructed before 1972, and rated at 5.2 MMBtu/hr, shall be limited to 0.8 lbs PM/MMBtu.

(b) Pursuant to 326 IAC 6-2-3(e) (Particulate Matter Emission Limitations for Sources of Indirect Heating), particulate matter (PM) emissions from one (1) natural gas fired boiler, identified as Boiler No. 2, constructed after 1972, and rated at 4.2 MMBtu/hr, shall be limited to 0.6 lbs PM/MMBtu.

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

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) CERTIFICATION

Source Name: ADM Milling Company
Source Address: 614 W 2nd St, Mount Vernon, Indiana 47620
FESOP Permit No.: F129-22926-00012

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify)_____

☐ Report (specify)_____

☐ Notification (specify)_____

☐ Affidavit (specify)_____

☐ Other (specify)_____

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

Signature:

Printed Name:

Title/Position:

Date:

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

FESOP Quarterly Report

Source Name: ADM Milling Company
Source Address: 614 West 2nd Street Mount Vernon, IN 47620
FESOP Permit No.: F129-32202-00012
Facility: Rail Receiving Pit (ES22)
Parameter: Operating hours
Limit: The operating hours of the Rail Receiving Pit (ES22) shall not exceed 3556 hours 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

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

Submitted by:_____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

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

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT

Source Name: ADM Milling Company
Source Address: 614 W 2nd St, Mount Vernon, Indiana 47620
FESOP Permit No.: F129-22926-00012

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 Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:_____

Title / Position:_____

Date:_____

Phone: _____

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

Source Name: ADM Milling Company
Source Address: 614 W 2nd St, Mount Vernon, Indiana 47620
FESOP Permit No.: F129-22926-00012

Months: _____ to _____ Year: _____

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

□ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

□ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Significant Permit Revision to a Federally Enforceable State Operating Permit (FESOP)

Source Description and Location

Source Name:	**ADM Milling Company**
Source Location:	**614 West 2nd Street, Mt. Vernon, Indiana 47620**
County:	**Posey**
SIC Code:	**2041 (Flour and Other Grain Mill Products)**
Operation Permit No.:	**F129-22926-00012**
Operation Permit Issuance Date:	**August 2, 2007**
Significant Permit Revision No.:	**129-32202-00012**
Permit Reviewer:	**Brian Wright/Susann Brown**

On August 13, 2012, the Office of Air Quality (OAQ) received an application from ADM Milling Company related to a modification to an existing stationary grain elevator and a flour and milled wheat process facility.

Existing Approvals

The source was issued FESOP Renewal No. 129-22926-00012 on August 2, 2007. The source has since received the following approval:

(a) Administrative Amendment No. 129-25651-00012, issued on January 14, 2008

County Attainment Status

The source is located in Posey County.

Pollutant	Designation
SO_2	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Unclassifiable or attainment effective June 15, 2004, 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 (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Posey County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) $PM_{2.5}$
Posey 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
Posey 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

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, however, there is an applicable New Source Performance Standard that was in effect on August 7, 1980, therefore fugitive emissions are counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

Note: This facility falls within the "listed source category" for the New Source Performance Standard (NSPS) for Grain Elevators (40 CFR 60, Subpart DD), which was promulgated on or before August 7, 1980. This source is a grain storage elevator at a flour mill and it has a permanent storage capacity of more than 1.0 million U.S. bushels.

Status of the Existing Source

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

	Potential To Emit of the Entire Source Prior to Revision (tons/year)*									
Process/ Emission Unit	PM	PM10	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e**	Total HAPs	Worst Single HAP
ES1 (Truck Receiving Pit)	2.51	0.32	ND	-	-	-	-	ND	-	-
ES4 (B Elevator)	0.85	0.18	ND	-	-	-	-	ND	-	-
ES6 (A Elevator)	0.85	0.18	ND	-	-	-	-	ND	-	-
ES7 (Wheat Cleaning)	0.17	0.03	ND	-	-	-	-	ND	-	-
ES8 (A Mill)	43.39	16.70	ND	-	-	-	-	ND	-	-
ES9 (B Mill)	44.31	17.05	ND	-	-	-	-	ND	-	-
ES10 (C Mill)	78.32	30.14	ND	-	-	-	-	ND	-	-
ES11 (Germ Classifier)	3.31	4.30	ND	-	-	-	-	ND	-	-
ES12 (Bulk Plant)	14.46	5.56	ND	-	-	-	-	ND	-	-
ES14 (Packing House Steam Dryer)	9.64	3.71	ND	-	-	-	-	ND	-	-
ES16 (Rail Flour Loadout Bins)	17.64	6.79	ND	-	-	-	-	ND	-	-
ES17 (Hammermill/ Dirt Filter)	29.94	11.52	ND	-	-	-	-	ND	-	-
ES19 (Truck Feed Loadout Area)	1.49	0.57	ND	-	-	-	-	ND	-	-
Natural Gas Dryer	0.08	0.31	ND	0.02	4.12	0.23	3.46	ND	0.08	0.07 Hexane
Total PTE of Entire Source	**249.39**	**98.31**	**ND**	**0.02**	**4.12**	**0.23**	**3.46**	**ND**	**0.08**	**0.07 Hexane**
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA

ND = not determined
*These emissions are based upon Second Renewal of the FESOP F129-22926-00012, issued August 2, 2007
**The 100,000 CO_2e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.

(a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(ff)(1).

(b) This existing source is not a major stationary source under Emission Offset (326 IAC 2-3), because no nonattainment regulated pollutant is emitted at a rate of 100 tons per year or more.

(c) This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because the unlimited potential to emit HAPs 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 Revision

The Office of Air Quality (OAQ) has reviewed an application, submitted by ADM Milling Company on August 13, 2012, requesting the following:

1. To add the following existing units to the permit: B Elevator - Top / Feed Bins (ES4-Top), C Elevator (ES15), Wheat Transfer from 2nd Cleaning to C Mill (ES18), Bulk Flour Rail Load out (ES20), Bulk Flour Truck Load out (ES21), and Rail Receiving (ES22).

2. To remove the following units from the permit: Germ Classifier (ES11), North Sifter and South Sifter from Bulk Plant (ES12), and Steam Dryer (ES14).

3. To relocate the filter from the Germ Classifier (ES11) to B Elevator Top / Feed Bins (B4), and relocate the filter from the Steam Dryer (ES14) to C Elevator (ES15).

4. To remove the emission unit description for Feed Bin Area (ES18), since this unit is accounted for in the emission unit description for the B Elevator Top/Feed Bins (ES4-Top)

5. To add the Wheat Transfer from 2nd Cleaning to C Mill (ES18).

6. To revise the FESOP and PSD Minor PM, PM10, and PM2.5 emission limitations and testing requirements based on the updated emission unit list and the most recent stack testing.

7. To add a FESOP and PSD Minor Limit for Rail Receiving Pit (ES22) of hours of operation limit of 3556 hours per twelve (12) consecutive month period, and associated recordkeeping and reporting requirements.

8. To update the compliance determination, compliance monitoring, recordkeeping and reporting requirements based on the updated emission unit list and calculations.

9. To update the emission unit descriptions for several other units to update the number and identification of baghouse controls and/or stack IDs and to provide further clarification regarding these units and their associated control devices.

10. To update the permit and emission calculations to include paved roads. The source has indicated that the plant roads at this source will be paved in 2013.

11. To update the normal pressure drop ranges for baghouses associated with ES1, ES4, ES4Top, ES6, ES7, ES8, ES9, ES10, ES12, ES15, ES16, ES17, ES18 and ES19 from 1.0 to 8.0 inches of water to 0.5 to 8.0 inches of water.

The following is a list of unpermitted emission units:

(a) One (1) B Elevator Top/Feed Bins, constructed in 1965, identified as ES4-Top, with a maximum throughput capacity of 600 tons per hour, with emissions controlled by a baghouse and exhausting through stack 3.

(b) One (1) C Elevator, constructed in 1975, identified as ES15, with a maximum receiving capacity of 120 tons per hour and a maximum throughput capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 25.

(c) One (1) Wheat Transfer from 2nd Cleaning to C Mill, identified as ES18, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 28.

(d) One (1) Bulk Rail Loadout Area, identified as ES20, constructed prior to 2002, with maximum unit capacity of 10.95 tons per hour, with emissions controlled by removable filter socks.

(e) One (1) Bulk Truck Loadout Area, identified as ES21, constructed prior to 2002, with maximum unit capacity of 18.38 tons per hour, with emissions controlled by removable filter socks.

(f) One (1) Rail Receiving Area, identified as ES22, constructed prior to 1978, with maximum unit capacity of 190 tons per hour and limited operating hours of 3556 hours per twelve (12) month period.

Enforcement Issues

IDEM is aware that equipment has been constructed and operated prior to receipt of the proper permit. IDEM is reviewing this matter and will take the appropriate action. This proposed approval is intended to satisfy the requirements of the construction and operation permit rules.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – FESOP Revision

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

	PTE of Proposed Revision (tons/year)									
Process/ Emission Unit	PM	PM10	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e	Total HAPs	Worst Single HAP
B Elevator Top/Feed Bins (ES4-Top)	160.31	89.35	15.24	-	-	-	-	-	-	-
C Elevator (ES15)	80.15	44.68	7.62	-	-	-	-	-	-	-
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	3.4	1.89	0.32	-	-	-	-	-	-	-
Bulk Rail Loadout Area (ES20)	0.34	0.34	0.34	-	-	-	-	-	-	-
Bulk Truck Loadout Area (ES21)	0.34	0.34	0.34	-	-	-	-	-	-	-
Rail Receiving Pit (ES22)	26.63	6.49	1.08	-	-	-	-	-	-	-
Paved Roads	17.36	3.47	0.85	-	-	-	-	-	-	-
Total Unlimited PTE of Proposed Revision	**288.53**	**146.56**	**25.79**	-	-	-	-	-	-	-

This FESOP is being revised through a FESOP Significant Permit Revision pursuant to 326 IAC 2-8-11.1(f)(1)(E) and to 326 IAC 2-8-11.1(g), because the revision involves modifications with the potential to emit (PTE) greater than 25 tons per year and because an adjustment to the FESOP emission limitations is required.

PTE of the Entire Source After Issuance of the FESOP Revision

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

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e**	Total HAPs	Worst Single HAP
Receiving										
Straight Truck (ES1)	~~2.51~~ **16.85**	~~0.32~~ **1.49**	**1.49**	-	-	-	-	-	-	-
Rail (ES22)	**10.81**	**2.63**	**2.63**	-	-	-	-	-	-	-
Worst case receiving	**16.85**	**2.63**	**2.63**	-	-	-	-	-	-	-
Internal Handling										
A Elevator (ES6)	~~0.85~~ **4.96**	~~0.18~~ **0.44**	**0.44**	-	-	-	-	-	-	-
B Elevator (ES4)	~~0.85~~ **15.37**	~~0.18~~ **1.36**	**1.36**	-	-	-	-	-	-	-
B Elevator Top (ES4 - Top)	**4.96**	**0.44**	**0.44**	-	-	-	-	-	-	-
C Elevator(ES15)	**3.97**	**0.35**	**0.35**	-	-	-	-	-	-	-
Wheat Cleaning House - (ES7)	~~0.17~~ **42.13**	~~0.03~~ **3.72**	**3.72**	-	-	-	-	-	-	-
Grain Milling										
A Mill (ES8)	~~43.39~~ **35.19**	~~16.70~~ **22.88**	**22.88**	-	-	-	-	-	-	-
B Mill (ES9)	~~44.31~~ **36.68**	~~17.05~~ **23.84**	**23.84**	-	-	-	-	-	-	-
C Mill (ES10)	~~78.32~~ **34.20**	~~30.14~~ **22.23**	**22.23**	-	-	-	-	-	-	-
~~ES11 (Germ Classifier)~~	~~3.31~~	~~4.30~~	-	-	-	-	-	-	-	-
Bulk Plant (ES12)	~~14.46~~ **7.93**	~~5.56~~ **0.70**	**0.70**	-	-	-	-	-	-	-
~~ES14 (Packing House Steam Dryer)~~	~~9.64~~	~~3.71~~	-	-	-	-	-	-	-	-
Rail Flour Loadout Bins (ES16)	~~17.64~~ **7.44**	~~6.79~~ **0.66**	**0.66**	-	-	-	-	-	-	-
Hammermill (ES17)	~~29.94~~ **8.43**	~~11.52~~ **0.74**	**0.74**	-	-	-	-	-	-	-
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	**8.43**	**0.74**	**0.74**	-	-	-	-	-	-	-
Truck Feed Loadout Area (ES19)	~~1.49~~ **1.49**	~~0.57~~ **0.13**	**0.13**	-	-	-	-	-	-	-
Bulk Rail Loadout Area (ES20)	**0.99**	**0.09**	**0.09**	-	-	-	-	-	-	-
Bulk Truck Loadout Area (ES21)	**0.99**	**0.09**	**0.09**	-	-	-	-	-	-	-
Natural Gas Boilers	0.08	0.31	**0.31**	0.02	~~4.12~~ **4.04**	~~0.23~~ **0.22**	~~3.46~~ **3.39**	**4873**	0.08	0.07 (hexane)
Total Non-Fugitive Emissions	~~249.39~~ **230.08**	~~98.31~~ **81.35**	**81.35**	0.02	~~4.12~~ **4.04**	~~0.23~~ **0.22**	~~3.46~~ **3.39**	**4873**	0.08	0.07 (hexane)

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e**	Total HAPs	Worst Single HAP
Paved Roads* **	**17.36**	**3.47**	**0.85**	-	-	-	-	-	-	-
Total Fugitive Emissions	**17.36**	**3.47**	**0.85**	-	-	-	-	-	-	-
Total Emissions (Fugitive and Non-Fugitive)	**247.44**	**84.83**	**82.21**	-	-	-	-	-	-	-
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA

* Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".
** The 100,000 CO_2e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.
*** Fugitive emissions are counted toward the determination of PSD and Part 70 Permit applicability.

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

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of the Revision (tons/year)									
	PM	PM10*	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e**	Total HAPs	Worst Single HAP
Receiving										
Straight Truck (ES1)	16.85	1.49	1.49	-	-	-	-	-	-	-
Rail (ES22)	10.81	2.63	2.63	-	-	-	-	-	-	-
Worst case receiving	**16.85**	**2.63**	**2.63**	-	-	-	-	-	-	-
Internal Handling										
A Elevator (ES6)	4.96	0.44	0.44	-	-	-	-	-	-	-
B Elevator (ES4)	15.37	1.36	1.36	-	-	-	-	-	-	-
B Elevator Top (ES4 - Top)	4.96	0.44	0.44	-	-	-	-	-	-	-
C Elevator(ES15)	3.97	0.35	0.35	-	-	-	-	-	-	-
Wheat Cleaning House - (ES7)	42.13	3.72	3.72	-	-	-	-	-	-	-
Grain Milling										
A Mill (ES8)	35.19	22.88	22.88	-	-	-	-	-	-	-
B Mill (ES9)	36.68	23.84	23.84	-	-	-	-	-	-	-
C Mill (ES10)	34.20	22.23	22.23	-	-	-	-	-	-	-
Bulk Plant (ES12)	7.93	0.70	0.70	-	-	-	-	-	-	-
Rail Flour Loadout Bins (ES16)	7.44	0.66	0.66	-	-	-	-	-	-	-
Hammermill (ES17)	8.43	0.74	0.74	-	-	-	-	-	-	-
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	8.43	0.74	0.74	-	-	-	-	-	-	-
Truck Feed Loadout Area (ES19)	1.49	0.13	0.13	-	-	-	-	-	-	-
Bulk Rail Loadout Area (ES20)	0.99	0.09	0.09	-	-	-	-	-	-	-
Bulk Truck Loadout Area (ES21)	0.99	0.09	0.09	-	-	-	-	-	-	-

Process/ Emission Unit	Potential To Emit of the Entire Source After Issuance of the Revision (tons/year)									
	PM	PM10*	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO_2e**	Total HAPs	Worst Single HAP
Natural Gas Boilers	0.08	0.31	0.31	0.02	4.04	0.22	3.39	4873	0.08	0.07 (hexane)
Total Non-Fugitive Emissions	**230.08**	**81.35**	**81.35**	**0.02**	**4.04**	**0.22**	**3.39**	**4873**	**0.08**	**0.07 (hexane)**
Paved Roads***	17.36	3.47	0.85	-	-	-	-	-	-	-
Total Fugitive Emissions	**17.36**	**3.47**	**0.85**	-	-	-	-	-	-	-
Total Emissions (Fugitive and Non-Fugitive)	**247.44**	**84.83**	**82.21**	-	-	-	-	-	-	-
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	100,000	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	100,000	NA	NA

negl. = negligible
* Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant".
** The 100,000 CO_2e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.
*** Fugitive emissions are counted toward the determination of PSD and Part 70 Permit applicability.

(a) FESOP and PSD Minor Status

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

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

In order to render the requirements of 326 IAC 2-2 (PSD) not applicable, PM emissions from the following facilities shall be less than the following emission limitations:

Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM Emissions Limit (lb/hr)
ES1	Truck Receiving Pit	Baghouse (stack 1)	3.85
ES6	A Elevator	Baghouse (stack 4)	1.13
ES4	B Elevator	Baghouse (stack 2)	3.51
ES4 - Top	B Elevator-Top	Baghouse (stack 3)	1.13
ES15	C Elevator	Baghouse (stack 25)	0.91
ES7	Wheat Cleaning	Baghouse (stack 5)	2.94
		Baghouse (stack 6)	2.94
		Baghouse (stack 7)	3.73
ES8	A Mill	Baghouse (stack 8)	3.17
		Baghouse (stack 9)	4.87
ES9	B Mill	Baghouse (stack 10)	3.17
		Baghouse (stack 11)	5.21
ES10	C Mill	Baghouse (stack 12)	3.17
		Baghouse (stack 14)	3.17
		Baghouse (stack 16)	1.47

Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM Emissions Limit (lb/hr)
ES12	Bulk Plant	Baghouse (stack 19)	0.91
		Baghouse (stack 22)	0.91
ES16	Rail Flour Loadout Bins	Baghouse (stack 26)	1.70
ES17	Hammermill	Baghouse (stack 27)	1.92
ES18	Wheat Transfer from 2nd Cleaning to C Mill	Baghouse (stack 28)	1.92
ES19	Truck Feed Loadout Area	Baghouse (stack 30)	0.34
ES20	Bulk Rail Loadout Area	Removable filter socks	0.23
ES21	Bulk Truck Loadout Area	Removable filter socks	0.23
		Total (lb/hr)	52.51

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable, PM10 and PM2.5 emissions from the following facilities shall be less than the following emission limitations:

Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM10 Emissions Limit (lb/hr)	PM2.5 Emissions Limit (lb/hr)
ES1	Truck Receiving Pit	Baghouse (stack 1)	0.34	0.34
ES6	A Elevator	Baghouse (stack 4)	0.10	0.10
ES4	B Elevator	Baghouse (stack 2)	0.31	0.31
ES4 - Top	B Elevator-Top	Baghouse (stack 3)	0.10	0.10
ES15	C Elevator	Baghouse (stack 25)	0.08	0.08
ES7	Wheat Cleaning	Baghouse (stack 5)	0.26	0.26
		Baghouse (stack 6)	0.26	0.26
		Baghouse (stack 7)	0.33	0.33
ES8	A Mill	Baghouse (stack 8)	2.06	2.06
		Baghouse (stack 9)	3.16	3.16
ES9	B Mill	Baghouse (stack 10)	2.06	2.06
		Baghouse (stack 11)	3.38	3.38
ES10	C Mill	Baghouse (stack 12)	2.06	2.06
		Baghouse (stack 14)	2.06	2.06
		Baghouse (stack 16)	0.96	0.96
ES12	Bulk Plant	Baghouse (stack 19)	0.08	0.08
		Baghouse (stack 22)	0.08	0.08
ES16	Rail Flour Loadout Bins	Baghouse (stack 26)	0.15	0.15
ES17	Hammermill	Baghouse (stack 27)	0.17	0.17
ES18	Wheat Transfer from 2nd Cleaning to C Mill	Baghouse (stack 28)	0.17	0.17
ES19	Truck Feed Loadout Area	Baghouse (stack 30)	0.03	0.03
ES20	Bulk Rail Loadout Area	Removable filter socks	0.02	0.02
ES21	Bulk Truck Loadout Area	Removable filter socks	0.02	0.02
		Total (lb/hr)	18.24	18.24

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable, the operating hours of the Rail Receiving Pit (ES22) shall not exceed 5800 hours per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with these limits, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide PM emissions to less than 250 tons per year and shall render the requirements of 326 IAC 2-2 (PSD) not applicable.

Compliance with these limits, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide PM10 and PM2.5 emissions to less than 100 tons per year, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

(a) The requirements of the New Source Performance Standard for Grain Elevators, 40 CFR 60, Subpart DD (326 IAC 12), are not included in this permit, because although this source is defined as a grain storage elevator at a flour mill and it has a permanent storage capacity of more than 1.0 million U.S. bushels, construction and/or modification of all applicable emission units occurred prior to the applicability date of August 3, 1978.

(b) The requirements of the New Source Performance Standard for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40c, Subpart Dc, are not included in the permit for the boilers, because the units each have capacities less than 10 million British thermal units per hour and each boiler was constructed before the applicability date of June 9, 1989.

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

National Emission Standards for Hazardous Air Pollutants (NESHAP)

(d) The requirements of the National Emission Standard for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63, Subpart DDDDD (63.7480 through 63.7575) (326 IAC 20-95) are not included in the permit renewal, because this source is not a major source of HAPs.

(e) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR 63.11193, Subpart JJJJJJ, are not included in the permit, since the boilers are gas-fired boilers, as defined in 40 CFR 63.11237, and as such, are specifically listed as not being subject to Subpart JJJJJJ under 40 CFR 63.11195(e).

(f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Area Sources: Prepared Feeds Manufacturing, 40 CFR 63.11619, Subpart DDDDDDD, are not included for this proposed revision, since this source does not own or operate a prepared feeds manufacturing facility that uses materials containing chromium or materials containing manganese.

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

Compliance Assurance Monitoring (CAM)

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

State Rule Applicability Determination

The following state rules are applicable to the proposed revision:

(a) 326 IAC 2-8-4 (FESOP)
This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP). See PTE of the Entire Source After Issuance of the FESOP Revision Section above.

(b) 326 IAC 2-2 (Prevention of Significant Deterioration(PSD))
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply. See PTE of the Entire Source After Issuance of the FESOP Revision Section above.

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

(d) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.

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

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

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

(f) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
The source is subject to the requirements of 326 IAC 6-4, because the paved roads have the potential to emit fugitive particulate emissions. Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.

(g) 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)
As part of the permit revision the permit and emission calculations have been revised to include paved roads. The source has indicated that the plant roads at this source will be paved in 2013.

The potential fugitive particulate emissions (assuming only paved roads) is less than 25 tons per year; therefore, the source is not subject to the requirements of 326 IAC 6-5 and is not required to submit a fugitive dust control plan at this time. If plant roads at this source are not paved within 18 months after issuance of this permit revision, the source is required to submit a permit application to update the permit and emission calculations to contain paved and unpaved roads, and the source shall submit a fugitive dust control plan if the potential fugitive particulate emissions (with paved and unpaved roads) is greater than 25 tons per year.

(h) 326 IAC 12 (New Source Performance Standards)
See Federal Rule Applicability Section of this TSD.

(i) 326 IAC 20 (Hazardous Air Pollutants)
See Federal Rule Applicability Section of this TSD.

Natural Gas Combustion

(j) 326 IAC 6-2-3 (Particulate Emission Limitations for Facilities Constructed prior to September 21, 1983)
The two (2) boilers, identified as Boiler No. 1 and Boiler No. 2, constructed in 1966 and 1974 respectively, with a total heat input capacity of 9.4 million British thermal units per hour, must comply with the PM emission limitation of 326 IAC 6-2-3(a). This limitation is based on the following equation given in 326 IAC 6-2-3(a):

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

where:

Pt = Pounds of particulate matter emitted per million British thermal units (lb/MMBtu) heat input.

Q = Total source maximum operating capacity rating in million British thermal units per hour (MMBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

C = Maximum ground level concentration with respect to distance from the point source at the "critical" wind speed for level terrain. This shall equal 50 micrograms per cubic meter for a period not to exceed a sixty (60) minute time period.

N = Number of stacks in fuel burning operation.

a = Plume rise factor which is used to make allowance for less than theoretical plume rise. The value 0.67 shall be used for Q less than or equal to 1,000 MMBtu/hr heat input. The value 0.8 shall be used for Q greater than 1,000 MMBtu/hr heat input.

h = Stack height in feet.

For Boiler No. 1 constructed before 1972:

$Pt = (50 \times 0.67 \times 30.0) / (76.5 \times (5.2)^{0.75} \times (1)^{0.25}) = 3.81$ lbs PM/MMBtu

Pursuant to 326 IAC 6-2-3(d), Pt for all facilities used for indirect heating purposes which were existing and in operation on or before June 8, 1972 shall not exceed 0.8 pounds per million British thermal units. Therefore Boiler No. 1 shall not exceed 0.8 pounds per million British thermal units (lb/MMBtu) heat input.

Based on the Filterable PM emission factor taken from AP 42, Chapter 1.4 (Natural Gas Combustion) the following is the Filterable PM emissions per million British thermal unit.

1.9 lbs PM/MMCF × 1 MMCF/1020 MMBtu = 0.0019 lbs Filterable PM per MMBtu

Therefore Boiler No.1 is able to comply with this particulate emission limitation without the use of a control device.

For Boiler No. 2 constructed after 1972:

$Pt = (50 \times 0.67 \times 30.0) / (76.5 \times (9.4)^{0.75} \times (2)^{0.25}) = 2.05$ lbs PM/MMBtu

Pursuant to 326 IAC 6-2-3(e), Pt for all facilities used for indirect heating purposes which were existing and in operation after June 8, 1972 shall not exceed 0.6 pounds per million British thermal units. Therefore Boiler No. 2 shall not exceed 0.6 pounds per million British thermal units (lb/MMBtu) heat input.

Based on the Filterable PM emission factor taken from AP 42, Chapter 1.4 (Natural Gas Combustion) the following is the Filterable PM emissions per million British thermal unit.

1.9 lbs PM/MMCF × 1 MMCF/1020 MMBtu = 0.0019 lbs Filterable PM per MMBtu

Therefore Boiler No.2 is able to comply with this particulate emission limitation without the use of a control device.

(k) 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(b)(1), each of the natural gas-fired boilers is exempt from the requirements of 326 IAC 6-3, because they each are a source of indirect heating.

(l) 326 IAC 7-1 (Sulfur Dioxide Emission Limitations: Applicability)
Each of the natural gas-fired boilers is not subject to the requirements of 326 IAC 7-1, because each has potential and actual emissions of sulfur dioxide less than twenty-five (25) tons per year and ten (10) pounds per hour respectively.

(m) 326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
Each of the natural gas-fired boilers is not subject to the requirements of 326 IAC 8-1-6, since they each have unlimited VOC potential emissions of less than twenty-five (25) tons per year.

Grain Operations

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

(1) Pursuant to 326 IAC 6-3-1(b)(14), the Bulk Rail Loadout Area (ES20) and the Bulk Truck Loadout Area (ES21) are not subject to the requirements of 326 IAC 6-3-2, since they each have potential particulate emissions less than five hundred fifty-one thousandths (0.551) pound per hour.

(2) Pursuant to 326 IAC 6-3-1(b)(14), the requirements of 326 IAC 6-3-2 are applicable to each of the grain operations, since each of these operations has potential particulate emissions greater than five hundred fifty-one thousandths (0.551) pound per hour. Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from each process shall be limited by the following:

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

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

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

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

The following table shows the maximum process weight rate for specific emission units and the allowable rate of emissions calculated for that process weight. The grain, corn and soybeans processed at this facility are each estimated to weigh 60 pounds per bushel.

Emissions Unit	Maximum Process Weight Rate (tons/hr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
Receiving		
Straight Truck (ES1)	120.0	53.13
Rail (ES22)	190.0	57.95
Internal Handling		
A Elevator (ES6)	300.0	63.00
B Elevator (ES4)	240.0	60.50
B Elevator Top (ES4 - Top)	600.0	71.16
C Elevator (ES15)	300.0	63.00
Wheat Cleaning House (ES7)	45.9	43.78
Milling		
A Mill (ES8)	14.4	24.46
B Mill (ES9)	14.4	24.46
C Mill (ES10)	15.8	26.07
Bulk Plant (ES12)	54.0	45.30
Bagging and Loadout		
Rail Flour Loadout Bins (ES16)	32.3	40.60
Hammermill (ES17)	12.7	22.53
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	12.7	22.53
Truck Feed Loadout Area (ES19)	28.0	38.23
Bulk Rail Loadout Area (ES20)	11.0	20.38
Bulk Truck Loadout Area (ES21)	18.4	28.83

Compliance Determination, Monitoring and Testing Requirements

Permits issued under 326 IAC 2-8 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 2-8-4. 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.

The compliance monitoring requirements applicable to this source are as follows:

Control	Parameter	Frequency	Range	Excursions and Exceedances
Baghouses for particulate matter control (ES1, ES4, ES4Top, ES6, ES7, ES8, ES9, ES10, ES12, ES15, ES16, ES17, ES18 and ES19) and exhausting to stacks 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 19, 22, 25, 26, 27, 28 and 30.	Pressure Drop	Daily	0.5 to 8.0 inches of water column	Response Steps
	Visible Emissions		Normal-Abnormal	

The testing requirements applicable to this source are as follows:

(a) Not later than November 26, 2017, in order to determine compliance with Conditions D.1.1, D.1.2, and D.1.3, the Permittee shall perform PM, PM10, and PM2.5 testing of one (1) of the emission units within each Group for Group 1 and Group 2 as specified in the following table, utilizing methods as approved by the Commissioner. Testing must include all stacks for units with multiple controls. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. Testing of any individual emission unit within a group shall not be repeated until each emission unit within the group has been tested. In addition to these requirements, IDEM may require compliance testing when necessary to determine if these facilities are in compliance. PM10 includes filterable and condensible PM10. PM2.5 includes filterable and condensible PM2.5. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

EMISSION UNITS GROUPINGS			
Group	Emission Unit ID	Emission Unit Description	Control Device (stack ID)
Group 1	ES4	B Elevator	Baghouse (stack 2)
	S4 - Top	B Elevator-Top	Baghouse (stack 3)
Group 2	ES6	A Elevator	Baghouse (stack 4)
	ES15	C Elevator	Baghouse (stack 25)

(b) Not later than November 26, 2017, in order to determine compliance with Conditions D.1.1, D.1.2, and D.1.3, the Permittee shall perform PM, PM10, and PM2.5 testing of each of the emission units specified in the following table, utilizing methods as approved by the Commissioner. Testing must include all stacks for units with multiple controls. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM10 includes filterable and condensible PM10. PM2.5 includes filterable and condensible PM2.5. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

Emission Unit ID	Emission Unit Description	Control Device (stack ID)
ES17	Hammermill	Baghouse (stack 27)
ES8	A Mill	Baghouse (stack 8)
		Baghouse (stack 9)
ES9	B Mill	Baghouse (stack 10)
		Baghouse (stack 11)
ES10	C Mill	Baghouse (stack 12)
		Baghouse (stack 14)
		Baghouse (stack 16)

Proposed Changes

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

1. Added the following existing units to the permit: B Elevator - Top / Feed Bins (ES4-Top), C Elevator (ES15), Bulk Flour Rail Load out (ES20), Bulk Flour Truck Load out (ES21), and Rail Receiving (ES22).

2. Removed the following units from the permit: Germ Classifier (ES11), North Sifter and South Sifter from Bulk Plant (ES12), and Steam Dryer (ES14).

3. Relocated the filter from the Germ Classifier (ES11) to B Elevator Top / Feed Bins (B4), and relocate the filter from the Steam Dryer (ES14) to C Elevator (ES15).

4. Removed the emission unit description for Feed Bin Area (ES18), since this unit is accounted for in the emission unit description for the B Elevator Top/Feed Bins (ES4-Top)

5. To add the Wheat Transfer from 2nd Cleaning to C Mill (ES18).

6. Revised the FESOP and PSD Minor PM, PM10, and PM2.5 emission limitations and testing requirements based on the updated emission unit list and the most recent stack testing.

7. Added a FESOP and PSD Minor Limit for Rail Receiving Pit (ES22) of hours of operation limit of 3556 hours per twelve (12) consecutive month period, and associated recordkeeping and reporting requirements.

8. Updated the compliance determination, compliance monitoring, recordkeeping and reporting requirements based on the updated emission unit list and calculations.

9. Updated the emission unit descriptions for several other units to update the number and identification of baghouse controls and/or stack IDs and to provide further clarification regarding these units and their associated control devices.

10. Updated the permit and emission calculations to include paved roads. The source has indicated that the plant roads at this source will be paved in 2013.

11. Update the normal pressure drop ranges for baghouses associated with ES1, ES4, ES4Top, ES6, ES7, ES8, ES9, ES10, ES12, ES15, ES16, ES17 and ES19 from 1.0 to 8.0 inches of water to 0.5 to 8.0 inches of water.

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

1. 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 (PTE) 100,000 tons per year or more of CO2 equivalent emissions (CO2e). Therefore, CO2e emissions have been calculated for this source. Based on the calculations, the unlimited PTE GHGs from the entire source is less than 100,000 tons of CO2e per year (see Appendix A for the calculations). This did not require any changes to the permit.

2. Several of IDEM's branches and sections have been renamed. Therefore, IDEM has updated the addresses listed in the permit. References to "Permit Administration and Development Section" and the "Permits Branch" have been changed to "Permit Administration and Support Section". References to "Asbestos Section", "Compliance Data Section", "Air Compliance Section", and "Compliance Branch" have been changed to "Compliance and Enforcement Branch".

3. 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.

4. 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."

5. IDEM has decided that the phrases "no later than" and "not later than" are clearer than "within" in relation to the end of a timeline. Therefore all timelines have been switched to "no later than" or "not later than" except when the underlying rule states "within."

6. IDEM has decided to clarify throughout the permit that a certification needs to meet the requirements of 326 IAC 2-8-5(a)(1). In addition, IDEM has decided to remove the last sentence dealing with the need for certification from the forms because the conditions requiring the forms already addresses this issue.

7. IDEM has decided to clarify the certification requirements in Section B - Duty to Provide Information and Section B - Certification.

8. IDEM has decided to clarify the requirements of Section B – Preventive Maintenance Plan and to add a new paragraph (b) to handle a future situation where the Permittee adds units that need preventive maintenance plans.

9. IDEM has revised the language of the Section B - Preventive Maintenance Plan, Section C - Compliance Monitoring, Section C - General Record Keeping, and Section C - General Reporting to allow the Permittee to not have to begin implementing the requirements of these conditions until ninety days after initial start up.

10. IDEM has added the telephone and facsimile information for the Southwest and Southeast Regional Offices to Section B - Emergency Provisions.

11. IDEM has revised Section B - Emergency Provisions to delete paragraph (h). 326 IAC 2-8-4(3)(C)(ii) allows that deviations reported under an independent requirement do not have to be included in the Quarterly Deviation and Compliance Monitoring Report.

12. IDEM has decided that having a separate condition for the reporting of deviations is unnecessary. Therefore, IDEM has removed Section B - Deviations from Permit Requirements and Conditions and added the requirements of that condition to Section C - General Reporting Requirements. Paragraph (d) of Section C - General Reporting Requirements has been removed because IDEM already states the timeline and certification needs of each report in the condition requiring the report.

13. IDEM has revised Section B - Permit Renewal paragraph (c) to state which rule establishes the authority to set a deadline for the Permittee to submit additional information.

14. IDEM, OAQ has revised Section B - Operational Flexibility to update the applicable rule citations. On October 27, 2010, the Indiana Air Pollution Control Board issued revisions to 326 IAC 2. These revisions resulted in changes to the rule citations listed in the permit. These changes are not changes to the underlining provisions, but only changes to the site of these rules.

15. IDEM has decided to reference 326 IAC 2 in Section B - Source Modification Requirements, rather than specific construction rule.

16. IDEM has revised Section C - Overall Source Limit to include an overall source limit for greenhouse gases (GHGs).

17. 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.

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

19. IDEM has revised the language of the Section C - Asbestos Abatement Projects to change the terminology "Accredited" to "Licensed" in order to match the rule.

20. 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.

21. IDEM has revised Section C - Compliance Monitoring. The reference to recordkeeping has been removed due to the fact that other conditions already address recordkeeping. The voice of the condition has been change to clearly indicate that it is the Permittee that must follow the requirements of the condition

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

23. 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.

24. 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.

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

26. IDEM has revised Section C - General Reporting Requirements and the Quarterly Deviation and Compliance Monitoring Report form to clarify the interaction of the Quarterly Deviation and Compliance Monitoring Report and the Emergency Provisions.

27. IDEM has decided to simplify the referencing in Section C - Compliance with 40 CFR 82 and 326 IAC 22-1.

28. IDEM has decided to clarify Section D - Testing Requirements.

29. IDEM has included the replacement of an instrument as an acceptable action in Section D - Parametric Monitoring.

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

31. 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.

The permit has been revised as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

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

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

(a) One (1) Truck Receiving Pit, **enclosed on three (3) sides,** identified as ES1, constructed in 1965, with maximum unit capacity of 120 tons per hour, with emissions controlled by a baghouse and exhausting through stack 1.

(b) One (1) Rail Receiving Pit, identified as ES22, constructed prior to 1978, with maximum unit capacity of 190 tons per hour and limited operating hours of 3556 hours per twelve (12) month period.

~~(b)~~ **(c)** One (1) B Elevator, identified as ES4, constructed in 1965, with maximum unit capacity of 240 tons per hour, with emissions controlled by a baghouse and exhausting through stacks 2 ~~and 3.~~

(d) One (1) B Elevator Top/Feed Bins, identified as ES4-Top, constructed in 1965, with a maximum throughput capacity of 600 tons per hour, with emissions controlled by a baghouse and exhausting through stack 3.

(e) One (1) C Elevator, identified as ES15, constructed in 1975, with a maximum receiving capacity of 120 tons per hour and a maximum throughput capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 25.

~~(e)~~ **(f)** One (1) A Elevator, identified as ES6, constructed in 1965, with maximum unit capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 4.

~~(d)~~ **(g)** One (1) Wheat Cleaning House, identified as ES7, constructed in 1965, with maximum cleaning capacity of 45.9 tons per hour, with emissions controlled by three (3) baghouses and exhausting through stacks 5, 6 and 7.

~~(e)~~ **(h)** One (1) A Mill, identified as ES8, constructed in 1994, with maximum unit capacity of 14.38 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 8 and 9.

~~(f)~~ **(i)** One (1) B Mill, identified as ES9, constructed in 1994, with maximum unit capacity of 14.38 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 10 and 11.

~~(g)~~ **(j)** One (1) C Mill, identified as ES10, constructed in 1974, with maximum unit capacity of 15.81 tons per hour, with emissions controlled by ~~two~~ **three** baghouses and exhausting through stacks 12, ~~13,~~ 14, ~~15,~~ **and** 16.~~, and 17~~.

~~(h) One (1) Germ Classifier, identified as ES11, constructed in 1974, with maximum unit capacity of 0.08 tons per hour, with emissions controlled by a baghouse and exhausting through stack 18.~~

~~(i)~~ **(k)** One (1) Bulk Plant, identified as ES12, constructed in 1974, with maximum unit capacity of 54 tons per hour, with emissions controlled by ~~four~~ **two** baghouses and exhausting ~~at~~ **through** stacks 19~~, 20, 21,~~ and 22.

~~(j) One (1) Packing House Steam Dryer, identified as ES14, constructed in 1979, with maximum unit capacity of 35 tons per hour, with emissions controlled by a baghouse and exhausting through stack 24.~~

~~(k)~~ **(l)** Rail Flour Loadout Bins, identified as ES16, constructed in 1979, with maximum unit capacity of 32.29 tons per hour, with emissions controlled by a baghouse and exhausting through stack 26.

~~(l)~~ **(m)** One (1) Hammermill ~~and Dirt Filter~~, identified as ES17, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by ~~two~~ **a** baghouses and exhausting ~~at~~ **through** stacks 27 ~~and 28~~.

~~(m) One (1) Feed Bin Area, identified as ES18, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 29.~~

(n) One (1) Wheat Transfer from 2nd Cleaning to C Mill, identified as ES18, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 28.

~~(n)~~ **(o)** One (1) Truck Feed Loadout Area, identified as ES19, constructed in 1979, with maximum unit capacity of 28 tons per hour, with emissions controlled by a baghouse and exhausting through stack 30.

(p) One (1) Bulk Rail Loadout Area, identified as ES20, constructed prior to 2002, with maximum unit capacity of 10.95 tons per hour, with emissions controlled by removable filter socks.

(q) One (1) Bulk Truck Loadout Area, identified as ES21, constructed prior to 2002, with maximum unit capacity of 18.38 tons per hour, with emissions controlled by removable filter socks.

A.3 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-8-3(c)(3)(I)]

This stationary source also includes the following insignificant activities:

(a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour:

(1) Two (2) natural gas fired boilers, identified as Boiler No. 1 and Boiler No. 2, rated at 5.2 and 4.2 MMBtu/hr, respectively. Boiler No. 1, installed in 1966, serves as a primary boiler, and Boiler No. 2, installed in 1974, serves as a backup unit.

~~(b) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.~~

~~(c)~~ **(b)** Paved roads ~~and unpaved roads~~ and parking lots with public access.

~~(d)~~ **(c)** A laboratory as defined in 326 IAC 2-7-1(21)(H).

...

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) One (1) Truck Receiving Pit, **enclosed on three (3) sides,** identified as ES1, constructed in 1965, with maximum unit capacity of 120 tons per hour, with emissions controlled by a baghouse and exhausting through stack 1.

(b) One (1) Rail Receiving Pit, identified as ES22, constructed prior to 1978, with maximum unit capacity of 190 tons per hour and limited operating hours of 3556 hours per twelve (12) month period.

~~(b)~~ **(c)** One (1) B Elevator, identified as ES4, constructed in 1965, with maximum unit capacity of 240 tons per hour, with emissions controlled by a baghouse and exhausting through stacks 2 ~~and 3.~~

(d) One (1) B Elevator Top/Feed Bins, identified as ES4-Top, constructed in 1965, with a maximum throughput capacity of 600 tons per hour, with emissions controlled by a baghouse and exhausting through stack 3.

(e) One (1) C Elevator, identified as ES15, constructed in 1975, with a maximum receiving capacity of 120 tons per hour and a maximum throughput capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 25.

~~(c)~~ **(f)** One (1) A Elevator, identified as ES6, constructed in 1965, with maximum unit capacity of 300 tons per hour, with emissions controlled by a baghouse and exhausting through stack 4.

~~(d)~~ **(g)** One (1) Wheat Cleaning House, identified as ES7, constructed in 1965, with maximum cleaning capacity of 45.9 tons per hour, with emissions controlled by three (3) baghouses and exhausting through stacks 5, 6 and 7.

~~(e)~~ **(h)** One (1) A Mill, identified as ES8, constructed in 1994, with maximum unit capacity of 14.38 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 8 and 9.

~~(f)~~ **(i)** One (1) B Mill, identified as ES9, constructed in 1994, with maximum unit capacity of 14.38 tons per hour, with emissions controlled by two baghouses and exhausting through stacks 10 and 11.

~~(g)~~ **(j)** One (1) C Mill, identified as ES10, constructed in 1974, with maximum unit capacity of 15.81 tons per hour, with emissions controlled by ~~two~~ **three** baghouses and exhausting through stacks 12, ~~13,~~ 14, ~~15,~~ **and** 16.~~, and 17~~.

~~(h) One (1) Germ Classifier, identified as ES11, constructed in 1974, with maximum unit capacity of 0.08 tons per hour, with emissions controlled by a baghouse and exhausting through stack 18.~~

~~(i)~~ **(k)** One (1) Bulk Plant, identified as ES12, constructed in 1974, with maximum unit capacity of 54 tons per hour, with emissions controlled by ~~four~~ **two** baghouses and exhausting ~~at~~ **through** stacks 19~~, 20, 21,~~ and 22.

~~(j) One (1) Packing House Steam Dryer, identified as ES14, constructed in 1979, with maximum unit capacity of 35 tons per hour, with emissions controlled by a baghouse and exhausting through stack 24.~~

~~(k)~~ **(l)** Rail Flour Loadout Bins, identified as ES16, constructed in 1979, with maximum unit capacity of 32.29 tons per hour, with emissions controlled by a baghouse and exhausting through stack 26.

~~(l)~~ **(m)** One (1) Hammermill ~~and Dirt Filter~~, identified as ES17, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by ~~two~~ **a** baghouses and exhausting ~~at~~ **through** stacks 27 ~~and 28~~.

~~(m) One (1) Feed Bin Area, identified as ES18, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 29.~~

(n) One (1) Wheat Transfer from 2nd Cleaning to C Mill, identified as ES18, constructed in 1979, with maximum unit capacity of 12.72 tons per hour, with emissions controlled by a baghouse and exhausting through stack 28.

~~(n)~~ **(o)** One (1) Truck Feed Loadout Area, identified as ES19, constructed in 1979, with maximum unit capacity of 28 tons per hour, with emissions controlled by a baghouse and exhausting through stack 30.

(p) One (1) Bulk Rail Loadout Area, identified as ES20, constructed prior to 2002, with maximum unit capacity of 10.95 tons per hour, with emissions controlled by removable filter socks.

(q) One (1) Bulk Truck Loadout Area, identified as ES21, constructed prior to 2002, with maximum unit capacity of 18.38 tons per hour, with emissions controlled by removable filter socks.

...

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

...

~~Emission Unit~~	~~Process Weight Rate (tons/hr)~~	~~Allowable PM Emissions Pursuant to 326 IAC 6-3-2 (lb/hr)~~
~~ES1 (Truck Receiving Pit)~~	~~120.0~~	~~53.13~~
~~ES4 (B Elevator)~~	~~240.0~~	~~60.50~~
~~ES6 (A Elevator)~~	~~300.0~~	~~63.00~~
~~ES7 (Wheat Cleaning)~~	~~45.9~~	~~43.78~~
~~ES8 (A Mill)~~	~~14.38~~	~~24.46~~
~~ES9 (B Mill)~~	~~14.38~~	~~24.46~~
~~ES10 (C Mill)~~	~~15.81~~	~~26.07~~
~~ES11 (Germ Classifier)~~	~~0.08~~	~~0.75~~
~~ES12 (Bulk Plant)~~	~~54.0~~	~~45.30~~
~~ES14 (Packing House Steam Dryer)~~	~~35.0~~	~~41.32~~
~~ES16 (Flour Bagging Process)~~	~~32.29~~	~~40.60~~
~~ES17 (Hammermill/Dirt Filter)~~	~~12.72~~	~~22.53~~
~~ES18 (Feed Storage Bins)~~	~~12.72~~	~~22.53~~
~~ES19 (Truck Feed Loadout Area)~~	~~28.0~~	~~38.23~~

...

The following table shows the maximum process weight rate for specific emission units and the allowable rate of emissions calculated for that process weight. The grain, corn and soybeans processed at this facility are each estimated to weigh 60 pounds per bushel.

Emissions Unit	Maximum Process Weight Rate (tons/hr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
Receiving		
Straight Truck (ES1)	**120.0**	**53.13**
Rail (ES22)	**190.0**	**57.95**
Internal Handling		
A Elevator (ES6)	**300.0**	**63.00**
B Elevator (ES4)	**240.0**	**60.50**
B Elevator Top (ES4 - Top)	**600.0**	**71.16**
C Elevator (ES15)	**300.0**	**63.00**
Wheat Cleaning House (ES7)	**45.9**	**43.78**
Milling		
A Mill (ES8)	**14.4**	**24.46**
B Mill (ES9)	**14.4**	**24.46**

Emissions Unit	Maximum Process Weight Rate (tons/hr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
C Mill (ES10)	**15.8**	**26.07**
Bulk Plant (ES12)	**54.0**	**45.30**
Bagging and Loadout		
Rail Flour Loadout Bins (ES16)	**32.3**	**40.60**
Hammermill (ES17)	**12.7**	**22.53**
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	**12.7**	**22.53**
Truck Feed Loadout Area (ES19)	**28.0**	**38.23**
Bulk Rail Loadout Area (ES20)	**11.0**	**20.38**
Bulk Truck Loadout Area (ES21)	**18.4**	**28.83**

D.1.2 PSD Minor **PM** Limits [326 IAC 2-2]

~~The Permittee shall limit PM emissions as follows:~~

In order to render the requirements of 326 IAC 2-2 (PSD) not applicable, PM emissions from the following facilities shall be less than the following emission limitations:

~~Emission Unit~~	~~Allowable PM Emissions (lb/hr)~~
~~ES1 (Truck Receiving Pit)~~	~~0.572~~
~~ES4 (B Elevator)~~	~~0.194~~
~~ES6 (A Elevator)~~	~~0.194~~
~~ES7 (Wheat Cleaning)~~	~~0.038~~
~~ES8 (A Mill)~~	~~9.907~~
~~ES9 (B Mill)~~	~~10.116~~
~~ES10 (C Mill)~~	~~17.882~~
~~ES11 (Germ Classifier)~~	~~0.755~~
~~ES12 (Bulk Plant)~~	~~3.30~~
~~ES14 (Packing House Steam Dryer)~~	~~2.202~~
~~ES16 (Flour Bagging Process)~~	~~4.027~~
~~ES17 (Hammermill/Dirt Filter)~~	~~6.835~~
~~ES18 (Feed Storage Bins)~~	~~0.557~~
~~ES19 (Truck Feed Loadout Area)~~	~~0.341~~
	~~56.92~~

Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM Emissions Limit (lb/hr)
ES1	**Truck Receiving Pit**	**Baghouse (stack 1)**	**3.85**
ES6	**A Elevator**	**Baghouse (stack 4)**	**1.13**
ES4	**B Elevator**	**Baghouse (stack 2)**	**3.51**
ES4 - Top	**B Elevator-Top**	**Baghouse (stack 3)**	**1.13**
ES15	**C Elevator**	**Baghouse (stack 25)**	**0.91**
ES7	**Wheat Cleaning**	**Baghouse (stack 5)**	**2.94**
		Baghouse (stack 6)	**2.94**
		Baghouse (stack 7)	**3.73**

Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM Emissions Limit (lb/hr)
ES8	A Mill	Baghouse (stack 8)	3.17
		Baghouse (stack 9)	4.87
ES9	B Mill	Baghouse (stack 10)	3.17
		Baghouse (stack 11)	5.21
ES10	C Mill	Baghouse (stack 12)	3.17
		Baghouse (stack 14)	3.17
		Baghouse (stack 16)	1.47
ES12	Bulk Plant	Baghouse (stack 19)	0.91
		Baghouse (stack 22)	0.91
ES16	Rail Flour Loadout Bins	Baghouse (stack 26)	1.70
ES17	Hammermill	Baghouse (stack 27)	1.92
ES18	Wheat Transfer from 2nd Cleaning to C Mill	Baghouse (stack 28)	1.92
ES19	Truck Feed Loadout Area	Baghouse (stack 30)	0.34
ES20	Bulk Rail Loadout Area	Removable filter socks	0.23
ES21	Bulk Truck Loadout Area	Removable filter socks	0.23
		Total (lb/hr)	52.51

Compliance with ~~these~~ limits**, combined the potential to emit PM from all other emission units at this source, shall limit the source-wide PM emissions to less than 250 tons per year and shall** ~~will~~ render the requirements of 326 IAC 2-2 (PSD) not applicable.

D.1.3 FESOP **and PSD Minor** PM10 **and PM2.5** Limits [326 IAC 2-8-4] [326 IAC 2-2]

Pursuant to 326 IAC 2-8-4 (FESOP), **and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable, PM10 and PM2.5 emissions from the following facilities shall be less than the following emission limitations:** ~~the Permittee shall limit PM10 emissions as follows:~~

~~Emission Unit~~	~~Allowable PM10 Emissions (lb/hr)~~
~~ES1 (Truck Receiving Pit)~~	~~0.072~~
~~ES4 (B Elevator)~~	~~0.042~~
~~ES6 (A Elevator)~~	~~0.042~~
~~ES7 (Wheat Cleaning)~~	~~0.007~~
~~ES8 (A Mill)~~	~~3.813~~
~~ES9 (B Mill)~~	~~3.893~~
~~ES10 (C Mill)~~	~~6.882~~
~~ES11 (Germ Classifier)~~	~~0.981~~
~~ES12 (Bulk Plant)~~	~~1.270~~
~~ES14 (Packing House Steam Dryer)~~	~~0.847~~
~~ES16 (Flour Bagging Process)~~	~~1.550~~
~~ES17 (Hammermill/Dirt Filter)~~	~~2.630~~
~~ES18 (Feed Storage Bins)~~	~~0.214~~
~~ES19 (Truck Feed Loadout Area)~~	~~0.131~~
	~~22.374~~

Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM10 Emissions Limit (lb/hr)	PM2.5 Emissions Limit (lb/hr)
ES1	Truck Receiving Pit	Baghouse (stack 1)	0.34	0.34
ES6	A Elevator	Baghouse (stack 4)	0.10	0.10
ES4	B Elevator	Baghouse (stack 2)	0.31	0.31
ES4 - Top	B Elevator-Top	Baghouse (stack 3)	0.10	0.10
ES15	C Elevator	Baghouse (stack 25)	0.08	0.08
ES7	Wheat Cleaning	Baghouse (stack 5)	0.26	0.26
		Baghouse (stack 6)	0.26	0.26
		Baghouse (stack 7)	0.33	0.33
ES8	A Mill	Baghouse (stack 8)	2.06	2.06
		Baghouse (stack 9)	3.16	3.16
ES9	B Mill	Baghouse (stack 10)	2.06	2.06
		Baghouse (stack 11)	3.38	3.38
ES10	C Mill	Baghouse (stack 12)	2.06	2.06
		Baghouse (stack 14)	2.06	2.06
		Baghouse (stack 16)	0.96	0.96
ES12	Bulk Plant	Baghouse (stack 19)	0.08	0.08
		Baghouse (stack 22)	0.08	0.08
ES16	Rail Flour Loadout Bins	Baghouse (stack 26)	0.15	0.15
ES17	Hammermill	Baghouse (stack 27)	0.17	0.17
ES18	Wheat Transfer from 2nd Cleaning to C Mill	Baghouse (stack 28)	0.17	0.17
ES19	Truck Feed Loadout Area	Baghouse (stack 30)	0.03	0.03
ES20	Bulk Rail Loadout Area	Removable filter socks	0.02	0.02
ES21	Bulk Truck Loadout Area	Removable filter socks	0.02	0.02
		Total (lb/hr)	18.24	18.24

~~Compliance with this limit will render the requirements of 326 IAC 2-7 (Part 70) and 326 IAC 2-2 (PSD) not applicable.~~ **Compliance with these limits, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide PM10 and PM2.5 emissions to less than 100 tons per year, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable.**

...

D.1.4 FESOP and PSD Minor Limit [326 IAC 2-8-4] [326 IAC 2-2]

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable, the operating hours of the Rail Receiving Pit (ES22) shall not exceed 3556 hours per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this limit, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide PM emissions to less than 250 tons per year, and shall render the requirements of 326 IAC 2-2 (PSD) not applicable.

Compliance with this limit, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide PM10 and PM2.5 emissions to less than 100 tons per year, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (PSD) not applicable.

D.1.~~5~~4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan~~, in accordance with Section B - Preventive Maintenance Plan, of this permit,~~ is required for these facilities and the associated control devices. **Section B – Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.**

...

~~D.1.5 Particulate Control~~

~~The baghouses for PM and PM10 control shall be in operation and control emissions from the facilities ES1, ES4, ES6, ES7, ES8, ES9, ES10, ES11, ES12, ES14, ES16, ES17, ES18, and ES19 at all times that these facilities are in operation.~~

D.1.6 Particulate Control

(a) In order to comply with Conditions D.1.1, D.1.2, and D.1.3, the baghouses for PM, PM10 and PM2.5 control shall be in operation and control emissions from the facilities ES1, ES4, ES4Top, ES15, ES6, ES7, ES8, ES9, ES10, ES12, ES16, ES17, ES18 and ES19 at all times that these facilities are in operation.

(b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notifications shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

~~Within 180 days after issuance of this permit F129-22926-00012, in order to determine compliance with Conditions D.1.1, D.1.2, and D.1.3, the Permittee shall perform PM and PM10 emission stack testing for operations, ES8, ES9, ES10, ES11, ES12, ES14, ES16, ES17, ES18, and ES19, utilizing the methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM10 includes filterable and condensible PM10. Testing shall be conducted in accordance with Section C - Performance Testing.~~

(a) Not later than November 26, 2017, in order to determine compliance with Conditions D.1.1, D.1.2, and D.1.3, the Permittee shall perform PM, PM10, and PM2.5 testing of one (1) of the emission units within each Group for Group 1 and Group 2 as specified in the following table, utilizing methods as approved by the Commissioner. Testing must include all stacks for units with multiple controls. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. Testing of any individual emission unit within a group shall not be repeated until each emission unit within the group has been tested. In addition to these requirements, IDEM may require compliance testing when necessary to determine if these facilities are in compliance. PM10 includes filterable and condensible PM10. PM2.5 includes filterable and condensible PM2.5. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

EMISSION UNITS GROUPINGS			
Group	Emission Unit ID	Emission Unit Description	Control Device (stack ID)
Group 1	ES4	B Elevator	Baghouse (stack 2)
	S4 - Top	B Elevator-Top	Baghouse (stack 3)
Group 2	ES6	A Elevator	Baghouse (stack 4)
	ES15	C Elevator	Baghouse (stack 25)

(b) **Not later than November 26, 2017, in order to determine compliance with Conditions D.1.1, D.1.2, and D.1.3, the Permittee shall perform PM, PM10, and PM2.5 testing of each of the emission units specified in the following table, utilizing methods as approved by the Commissioner. Testing must include all stacks for units with multiple controls. These tests shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. PM10 includes filterable and condensible PM10. PM2.5 includes filterable and condensible PM2.5. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.**

Emission Unit ID	Emission Unit Description	Control Device (stack ID)
ES17	Hammermill	Baghouse (stack 27)
ES8	A Mill	Baghouse (stack 8)
		Baghouse (stack 9)
ES9	B Mill	Baghouse (stack 10)
		Baghouse (stack 11)
ES10	C Mill	Baghouse (stack 12)
		Baghouse (stack 14)
		Baghouse (stack 16)

...

D.1.~~8~~7 Visible Emissions Notations

(a) Visible emission notations of ES1, ES4, **ES4Top,** ES6, ES7, ES8, ES9, ES10, ~~ES11,~~ ES12, ~~ES14,~~ **ES15,** ES16, ES17, ES18 and ES19 stack exhausts (1 ~~through 30~~, **2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 19, 22, 25, 26, 27, 28 and 30**) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

...

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps. ~~in accordance with~~ Section C - Response to Excursions or Exceedances **contains the Permittee's obligation with regard to the reasonable response steps required by this condition**. Failure to take response steps ~~in accordance with Section C - Response~~

~~to Excursions or Exceedances~~ shall be considered a deviation from this permit.

D.1.~~9~~8 Parametric Monitoring

The Permittee shall record the pressure drop across each of the baghouses ~~used in conjunction~~ **associated** with ES1, ES4, **ES4Top**, ES6, ES7, ES8, ES9, ES10, ~~ES11,~~ ES12, ~~ES14,~~ **ES15,** ES16, ES17, ES18, and ES19, at least once per day when these processes are in operation. When for any one reading, the pressure drop across ~~any one (1) of~~ the baghouses is outside the normal range ~~of 1.0 and 7.0 inches of water or a range established during the latest stack test,~~ the Permittee shall take **a** reasonable response ~~steps in accordance with Section C - Response to Excursions or Exceedances~~. **The normal range for these units is a pressure drop between 0.5 and 8.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition.** A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps ~~in accordance with Section C - Response to Excursions or Exceedances,~~ shall be considered a deviation from this permit.

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

...

D.1.~~10~~9 Broken or Failed Bag Detection

...

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

D.1.**11**~~10~~ Record Keeping Requirements

(a) To document the compliance status with Condition D.1.4, the Permittee shall maintain records of the hours of operation for Rail Receiving Pit (ES22) each month and each compliance period. Records may include but are not limited to the number of rail cars unloaded and the maximum unloading time per car.

(a**b**) To document **the** compliance **status** with Condition D.1.~~7~~**8**, the Permittee shall maintain **a daily** records of ~~daily~~ visible emission notations of the stack exhausts (1 ~~through 30~~**, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 19, 22, 25, 26, 27, 28 and 30**). The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (~~i.e.,~~ **e.g.,** the process did not operate that day).

(~~b~~**c**) To document **the** compliance **status** with Condition D.1.~~8~~**9**, the Permittee shall maintain records once per day of the pressure drop across the baghouses controlling ES1, ES4, **ES4Top,** ES6, ES7, ES8, ES9, ES10, ~~ES11,~~ ES12, ~~ES14,~~ **ES15,** ES16. ES17, ES18, and ES19. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (~~i.e.,~~ **e.g.,** the process did not operate that day).

(~~c~~**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.1.12 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.1.4 shall be submitted using the reporting form located at the end of this permit, or its equivalent, no later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

...

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

FESOP Quarterly Report

Source Name: ADM Milling Company
Source Address: 614 West 2nd Street Mount Vernon, IN 47620
FESOP Permit No.: F129-32202-00012
Facility: Rail Receiving Pit (ES22)
Parameter: Operating hours
Limit: The operating hours of the Rail Receiving Pit (ES22) shall not exceed 3556 hours 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

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

...

~~SECTION B GENERAL CONDITIONS~~

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

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

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

~~(a) This permit, F129-22926-00012, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.~~

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

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

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

~~(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or~~

~~(b) the emission unit to which the condition pertains permanently ceases operation.~~

~~B.4 Enforceability [326 IAC 2-8-6]~~

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

~~B.5 Severability [326 IAC 2-8-4(4)]~~

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

~~B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]~~

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

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

~~(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.~~

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

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

~~(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an "authorized individual" of truth, accuracy, and completeness. This certification shall~~

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

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

(c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

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

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

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

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

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

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

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

The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

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

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

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

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

(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865
Southwest Regional Office phone: (812) 380-2305; fax: (812) 380-2304.

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

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

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

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

~~(A) A description of the emergency;~~

~~(B) Any steps taken to mitigate the emissions; and~~

~~(C) Corrective actions taken.~~

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

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

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

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

~~(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.~~

~~(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.~~

~~(g) Operations may continue during an emergency only if the following conditions are met:~~

~~(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.~~

~~(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:~~

~~(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and~~
~~(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.~~

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

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

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

~~(a) All terms and conditions of permits established prior to F129-22926-00012 and issued pursuant to permitting programs approved into the state implementation plan have been either:~~

~~(1) incorporated as originally stated,~~

~~(2) revised, or~~

~~(3) deleted~~

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

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

~~The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.~~

~~B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]~~

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

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

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

~~The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(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 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]~~

~~(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

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

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

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

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

(b) A timely renewal application is one that is:

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

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

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

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

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue

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

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

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

~~B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]~~

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

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

~~(2) Any approval required by 326 IAC 2-8-11.1 has been obtained;~~

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

~~(4) The Permittee notifies the:~~

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

~~and~~

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

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

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

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

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

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

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

B.20 Source Modification Requirement [326 IAC 2-8-11.1]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

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

(a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

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

B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

(a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

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

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

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ 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) 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 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

C.2 Overall Source Limit [326 IAC 2-8]

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

(a) Pursuant to 326 IAC 2-8:

(1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.

(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) The potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period. This limitation shall make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) not applicable.

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

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

C.3 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

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

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

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

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

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

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

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

All required notifications shall be submitted to:

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

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

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

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

(g) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

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

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

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

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

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

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

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

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

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

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

C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.

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

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

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

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

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

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

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

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

The ERP does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.14 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

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

C.15 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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

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

(1) initial inspection and evaluation;

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

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

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

(1) monitoring results;

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

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

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

(e) The Permittee shall maintain the following records:

(1) monitoring data;

(2) monitor performance data, if applicable; and

(3) corrective actions taken.

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

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

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

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

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

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

C.17 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.18 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(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.

Stratospheric Ozone Protection

C.19 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 2-8-1]

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

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

(a) This permit, F129-22926-00012, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

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

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

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

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

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

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

B.5 Severability [326 IAC 2-8-4(4)]

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

B.6 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

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

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

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

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

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

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

(1) it contains a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1), and

(2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

(c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

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

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

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

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

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

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

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

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

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

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

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

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

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

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

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

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

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

The Permittee shall implement the PMPs.

(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Southeast Regional Office phone: (812) 358-2027; fax: (812) 358-2058.

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

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

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

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

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

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

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

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

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

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.

(g) Operations may continue during an emergency only if the following conditions are met:

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

(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:

(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and

(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

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

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

(a) All terms and conditions of permits established prior to F129-22926-00012 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

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

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

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

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

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

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(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 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

(1) That this permit contains a material mistake.

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

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

(b) A timely renewal application is one that is:

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

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

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

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

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

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

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

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

B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

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

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

(2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

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

(4) The Permittee notifies the:

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

and

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

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

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

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

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

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

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

B.20 **Source Modification Requirement [326 IAC 2-8-11.1]**

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

B.21 **Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]**

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

(a) **Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;**

(b) **As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;**

(c) **As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;**

(d) **As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and**

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

B.22 **Transfer of Ownership or Operational Control [326 IAC 2-8-10]**

(a) **The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.**

(b) **Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:**

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

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

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

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ no later than thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Failure to pay may result in administrative enforcement action or revocation of this permit.

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

B.24 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

C.2 Overall Source Limit [326 IAC 2-8]

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

(a) Pursuant to 326 IAC 2-8:

(1) The potential to emit any regulated pollutant, except particulate matter (PM) and greenhouse gases (GHGs), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.

(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(4) The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO_2 equivalent emissions (CO_2e) per twelve (12) consecutive month period.

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

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

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

C.3 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

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

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility

components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

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

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

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

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

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

All required notifications shall be submitted to:

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

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

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

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

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos

Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

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

C.9 Performance Testing [326 IAC 3-6]

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

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

Indianapolis, Indiana 46204-2251

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

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

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

C.12 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.13 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale. The analog instrument shall be capable of measuring values outside of the normal range.

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

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

C.14 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

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

C.15 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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

(a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) initial inspection and evaluation;

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

(3) any necessary follow-up actions to return operation to normal or usual manner of operation.

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

(1) monitoring results;

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

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

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

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

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline

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

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

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

C.17 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following, where applicable:

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

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

(AA) The date, place, as defined in this permit, and time of sampling or measurements.
(BB) The dates analyses were performed.
(CC) The company or entity that performed the analyses.
(DD) The analytical techniques or methods used.

(EE) The results of such analyses.
(FF) The operating conditions as existing at the time of sampling or measurement.

These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.18 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

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

(b) The address for report submittal is:

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

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

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

Stratospheric Ozone Protection

C.19 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.

...

FESOP CERTIFICATION FORM:

...

~~Mailing Address: 614 West 2nd Street, Mt. Vernon, Indiana 47620~~

...

FESOP QUARTERLY REPORT FORM:

...

~~Mailing Address: 614 West 2nd Street, Mt. Vernon, Indiana 47620~~

...

FESOP EMERGENCY OCCURRENCE REPORT FORM:

...

~~Mailing Address: 614 West 2nd Street, Mt. Vernon, Indiana 47620~~

...

~~A certification is not required for this report.~~

...

FESOP QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT FORM:

...

~~Mailing Address: 614 West 2nd Street, Mt. Vernon, Indiana 47620~~

...

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

...

~~Attach a signed certification to complete this report.~~

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on August 13, 2012.

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Significant Revision No. 129-32202-00012. The staff recommends to the Commissioner that this FESOP Significant Revision be approved.

IDEM Contact

(a) Questions regarding this proposed permit can be directed to Brian Wright at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-6544 or toll free at 1-800-451-6027 extension 4-6544.

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

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

Company Name: ADM Milling Company
Source Address: 614 W. 2nd Street Mount Vernon, IN 47620
Permit Number: F129-32202-00012
Reviewer: Brian Wright/Susann Brown

	Unlimited/Uncontrolled Potential to Emit (tons/year)*										
Process description	PM	PM10	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO2e	Total HAPs	Worst Single HAP	
Non-Fugitive Emissions**											
Grain Elevator (grain receiving, handling, and cleaning)	491.61	252.29	43.00	-	-	-	-	-	-	-	-
Grain Milling (grain milling, bagging, and loadout)	9416.4	9416.4	9416.4	-	-	-	-	-	-	-	-
Natural Gas Boilers	0.08	0.31	0.31	0.02	4.04	0.22	3.39	4873	0.08	0.07	(hexane)
Total Non-Fugitive Emissions**	**9908.1**	**9669.0**	**9459.7**	**0.02**	**4.04**	**0.22**	**3.39**	**4873**	**0.08**	**0.07**	**(hexane)**
Fugitive Emissions**											
Paved Roads	17.36	3.47	0.85	-	-	-	-	-	-	-	-
Total Fugitive Emissions**	**17.36**	**3.47**	**0.85**	-	-	-	-	-	-	-	-
Total Non-Fugitive and Fugitive Emissions**	**9925.5**	**9672.5**	**9460.6**	**0.02**	**4.04**	**0.22**	**3.39**	**4873**	**0.08**	**0.07**	**(hexane)**

	Limited Potential to Emit (tons/year)										
Process description	PM	PM10	PM2.5	SO_2	NOx	VOC	CO	GHGs as CO2e	Total HAPs	Worst Single HAP	
Non-Fugitive Emissions**											
Grain Elevator and Grain Milling	230.00	81.05	81.05	-	-	-	-	-	-	-	-
Natural Gas Boilers	0.08	0.31	0.31	0.02	4.04	0.22	3.39	4873	0.08	0.07	(hexane)
Total Non-Fugitive Emissions**	**230.08**	**81.35**	**81.35**	**0.02**	**4.04**	**0.22**	**3.39**	**4873**	**0.08**	**0.07**	**(hexane)**
Fugitive Emissions**											
Paved Roads***	17.36	3.47	0.85	-	-	-	-	-	-	-	-
Total Fugitive Emissions**	**17.36**	**3.47**	**0.85**	-	-	-	-	-	-	-	**-**
Total Non-Fugitive and Fugitive Emissions**	**247.44**	**84.83**	**82.21**	**0.02**	**4.04**	**0.22**	**3.39**	**4873**	**0.08**	**0.07**	**(hexane)**

Notes

*Potential to Emit (PTE) is based on rated capacity at 8,760 hours/year.

**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

***Mitigated PTE (tons/yr) is taking natural mitigation due to precipitation into consideration.

TSD Appendix A: Emissions Calculations
PM/PM10/PM2.5 Emissions From the Grain Receiving, Handling, and Cleaning Processes

Company Name: ADM Milling Company
Source Address: 614 W 2nd St., Mt. Vernon, IN 47620
Permit Number: F129-32202-00012
Reviewer: Brian Wright/Susann Brown

		Uncontrolled Emission Factors (lbs/ton)					PTE Before Control (lbs/hr)			PTE After Control (lbs/hr)		
Emissions Unit Description	Maximum Grain Throughput (tons/hr)	PM	PM10	PM2.5	Control Device(s)	Collection and Control Efficiency (%)	PM	PM10	PM2.5	PM	PM10	PM2.5
Receiving												
Straight Truck (ES1)	120	0.18	0.059	0.010	Baghouse	99.90%	21.60	7.08	1.20	0.02	7.1E-03	1.2E-03
Rail (ES22)	190	0.032	0.0078	0.001	None	0.0%	6.08	1.48	0.25	6.08	1.48	0.25
						Worst Case Receiving	**21.60**	**7.08**	**1.20**	**6.08**	**1.48**	**0.25**
Internal Handling												
A Elevator (ES6)	300	0.061	0.034	0.0058	Baghouse	99.90%	18.30	10.20	1.74	0.02	0.01	1.7E-03
B Elevator (ES4)	240	0.061	0.034	0.0058	Baghouse	99.90%	14.64	8.16	1.39	0.01	8.2E-03	1.4E-03
B Elevator Top (ES4 - Top)	600	0.061	0.034	0.0058	Baghouse	99.90%	36.60	20.40	3.48	0.04	0.02	3.5E-03
C Elevator (ES15)	300	0.061	0.034	0.0058	Baghouse	99.90%	18.30	10.20	1.74	0.02	0.01	1.7E-03
Wheat Cleaning House - (ES7)	45.9	0.061	0.034	0.0058	Baghouses (3)	99.90%	2.80	1.56	0.27	2.8E-03	1.6E-03	2.7E-04
Hammermill (ES17)	12.72	1.2	1.2	1.2	Baghouse	99.90%	15.26	15.26	15.26	0.02	0.02	1.5E-02
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	12.72	0.061	0.034	0.0058	Baghouse	99.90%	0.78	0.43	0.07	7.8E-04	4.3E-04	7.4E-05
* Bulk Plant (ES12)	54	0.061	0.034	0.0058	Baghouses (2)	99.90%	3.29	1.84	0.31	3.3E-03	1.8E-03	3.1E-04
* Rail Flour Loadout Bins (ES16)	32.29	0.027	0.0022	0.0058	Baghouse	99.90%	0.87	0.07	0.19	8.7E-04	7.1E-05	1.9E-04
* Truck Feed Loadout Area (ES19)	28	0.086	0.029	0.0058	Baghouse	99.90%	2.41	0.81	0.16	2.4E-03	8.1E-04	1.6E-04
						Totals	**112.24**	**57.60**	**9.82**	**6.17**	**1.53**	**0.26**

		Uncontrolled Emission Factors (lbs/ton)					PTE Before Control (tons/yr)			PTE After Control (tons/yr)		
Emissions Unit Description	Maximum Grain Throughput (tons/yr)	PM	PM10	PM2.5	Control Device(s)	Collection and Control Efficiency (%)	PM	PM10	PM2.5	PM	PM10	PM2.5
Receiving												
Straight Truck (ES1)	1,051,200	0.18	0.059	0.010	Baghouse	99.90%	94.61	31.01	5.26	0.09	0.03	5.3E-03
Rail (ES22)	1,664,400	0.032	0.0078	0.001	None	0.0%	26.63	6.49	1.08	26.63	6.49	1.08
						Worst Case Receiving	**94.61**	**31.01**	**5.26**	**26.63**	**6.49**	**1.08**
Internal Handling												
A Elevator (ES6)	2,628,000	0.061	0.034	0.0058	Baghouse	99.90%	80.15	44.68	7.62	0.08	0.04	7.6E-03
B Elevator (ES4)	2,102,400	0.061	0.034	0.0058	Baghouse	99.90%	64.12	35.74	6.10	0.06	0.04	6.1E-03
B Elevator Top (ES4 - Top)	5,256,000	0.061	0.034	0.0058	Baghouse	99.90%	160.31	89.35	15.24	0.16	0.09	0.02
C Elevator (ES15)	2,628,000	0.061	0.034	0.0058	Baghouse	99.90%	80.15	44.68	7.62	0.08	0.04	7.6E-03
Wheat Cleaning House - (ES7)	402,084	0.061	0.034	0.0058	Baghouses (3)	99.90%	12.26	6.84	1.17	0.012	6.8E-03	1.2E-03
Hammermill (ES17)	111,427	1.2	1.2	1.2	Baghouse	99.90%	66.86	66.86	66.86	0.07	0.07	0.07
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	111,427	0.061	0.034	0.0058	Baghouse	99.90%	3.40	1.89	0.32	3.4E-03	1.9E-03	3.2E-04
* Bulk Plant (ES12)	473,040	0.061	0.034	0.0058	Baghouses (2)	99.90%	14.43	8.04	1.37	0.014	8.0E-03	1.4E-03
* Rail Flour Loadout Bins (ES16)	282,860	0.027	0.0022	0.0058	Baghouse	99.90%	3.82	0.31	0.82	3.8E-03	3.1E-04	8.2E-04
* Truck Feed Loadout Area (ES19)	245,280	0.086	0.029	0.0058	Baghouse	99.90%	10.55	3.56	0.71	0.011	3.6E-03	7.1E-04
						Totals	**491.61**	**252.29**	**43.00**	**27.03**	**6.71**	**1.12**

* Emission factors are from AP 42 Table 9.9.1-1 Particulate Emission Factors for Grain Elevators (3/03)

Methodology
Emission factors are from AP 42 Table 9.9.1-1 Particulate Emission Factors for Grain Elevators (3/03)
Receiving - Straight Truck (tons/hr) = Maximum Throughput Truck Receiving Pits (bushels/hr) x 60 lbs/bushel x 1 ton/2000 lbs
Maximum Grain Throughput (tons/yr) = Maximum Grain Throughput (tons/hr) x 8760 hrs/yr
PTE of PM/PM10/PM2.5 Before Control (lbs/hr) = Maximum Throughput (tons/hr) x Emission factor (lb/ton)
PTE of PM/PM10/PM2.5 After Control (lbs/hr) = PTE of PM/PM10/PM2.5 Before Control (lbs/hr) x (1- Control Efficiency (%))
PTE of PM/PM10/PM2.5 Before Control (tons/yr) = Maximum Throughput (tons/yr) x Emission factor (lb/ton) x 1 ton/2,000 lbs
PTE of PM/PM10/PM2.5 After Control (tons/yr) = PTE of PM/PM10/PM2.5 Before Control (tons/yr) x (1- Control Efficiency (%))

TSD Appendix A: Emissions Calculations
PM/PM10/PM2.5 Emissions from the Milling, Bagging, and Loadout Processes

Company Name: ADM Milling Company
Source Address: 614 W 2nd St., Mt. Vernon, IN 47620
Permit Number: F129-32202-00012
Reviewer: Brian Wright/Susann Brown

Emission Unit Description	Flowrate (acfm) (a)	Estimated Grain Loading (b) (gr/dscf)	Controlled Potential Emissions PM/PM10/PM2.5 (lbs/hr)	Controlled Potential Emissions PM/PM10/PM2.5 (ton/yr)	Control Device	Control Device % Efficiency	Uncontrolled Emissions PM/PM10/PM2.5 (lbs/hr)	Uncontrolled Emissions PM/PM10/PM2.5 (ton/yr)
A Mill (ES8)	27800	0.003	0.715	3.13	Baghouse	99.90%	714.86	3,131.07
B Mill (ES9)	28800	0.003	0.741	3.24	Baghouse	99.90%	740.57	3,243.70
C Mill (ES10)	27000	0.003	0.694	3.04	Baghouse	99.90%	694.29	3,040.97
Bulk Rail Loadout Area (ES20)	600	0.003	0.015	0.07	Removable Filter Socks	80.00%	0.08	0.34
Bulk Truck Loadout Area (ES21)	600	0.003	0.015	0.07	Removable Filter Socks	80.00%	0.08	0.34
		Totals	**2.18**	**9.55**			**2,149.87**	**9,416.42**

Notes:
a) Values are total airflows for all of the baghouses at an emission source.
b) Grain loading values in the baghouse exhaust, based on manufacturer's data.
c) Assumed that the air exhausted through the stacks is equal to the volume of flour loaded.
Grain loading values are conservative estimates based on engineering judgement.

Methodology:
Controlled Potential Emissions (lbs/hr) = [Grain Loading (gr/dscf)] x [Air Flow (dscfm)] x [60 min/hr] x [lb/7000 grains]
Controlled Potential Emissions (tons/yr) = [Controlled Potential Emissions (lbs/hr)] x [8760 hrs/yr] x [ton/2000 lb]
Uncontrolled Potential Emissions (lbs/hr) = [Controlled Potential Emissions (lbs/hr)] x [1 / 1 - Control Efficiency (%)]
Uncontrolled Potential Emissions (tons/yr) = [Uncontrolled Potential Emissions (lbs/hr)] x [8760 hrs/yr] x [ton/2000 lb]

TSD Appendix A: Emissions Calculations
Minor PSD and FESOP Limits

Company Name: ADM Milling Company
Source Address: 614 W 2nd St., Mt. Vernon, IN 47620
Permit Number: F129-32202-00012
Reviewer: Brian Wright/Susann Brown

					Uncontrolled Emission Factors (lbs/ton)					Limited Uncontrolled PTE (tons/yr)		
Emission Unit ID	Emission Unit Description	Maximum Grain Throughput (tons/hr)	Limited Hours of Operation (hours/year)	Limited Grain Throughput (tons/yr)	PM	PM10	PM2.5	Control Device(s)	and Control Efficiency (%)	PM	PM10	PM2.5
ES22	Rail Receiving	190	3556	675,640	0.032	0.0078	0.001	None	0.0%	10.81	2.63	2.63

Methodology:
Limited Grain Throughput (tons/yr) = Maximum Grain Throughput (tons/hr) x Limited Hours of Operation (hours/year)
Limited Uncontrolled PTE (tons/yr) = Limited Grain Throughput (tons/yr) x Emission factor (lb/ton) x 1 ton/2,000 lbs

Limited PTE of PM, PM10, and PM2.5

			Controlled Emissions (each control device)					Limited PTE (each control device)			Limited PTE (each control device)			Limited PTE (emission unit total)		
Emission Unit ID	Emission Unit Description	Control Device (stack ID)	PM (lb/hr)	PM10 (lb/hr)	PM2.5 (lb/hr)	Hours of Operation (hours/year)	PM Emissions Limit (lb/hr)	PM10 Emissions Limit (lb/hr)	PM10 Emissions Limit (lb/hr)	PM2.5 Emissions Limit (lb/hr)	Limited PTE of PM (ton/yr)	Limited PTE of PM10 (ton/yr)	Limited PTE of PM2.5 (ton/yr)	Limited PTE of PM (ton/yr)	Limited PTE of PM10 (ton/yr)	Limited PTE of PM2.5 (ton/yr)
							Minor PSD Limits*	***FESOP Limits****	***FESOP Limits***	***FESOP Limits****						
ES1	Truck Receiving Pit	Baghouse (stack 1)	0.02	7.1E-03	1.2E-03	8760	3.85	0.34	0.34	0.34	16.85	1.49	1.49	16.85	1.49	1.49
ES6	A Elevator	Baghouse (stack 4)	0.02	0.010	1.7E-03	8760	1.13	0.10	0.10	0.10	4.96	0.44	0.44	4.96	0.44	0.44
ES4	B Elevator	Baghouse (stack 2)	0.015	8.2E-03	1.4E-03	8760	3.51	0.31	0.31	0.31	15.37	1.36	1.36	15.37	1.36	1.36
ES4 - Top	B Elevator-Top	Baghouse (stack 3)	0.04	0.02	3.5E-03	8760	1.13	0.10	0.10	0.10	4.96	0.44	0.44	4.96	0.44	0.44
ES15	C Elevator	Baghouse (stack 25)	0.02	0.010	1.7E-03	8760	0.91	0.08	0.08	0.08	3.97	0.35	0.35	3.97	0.35	0.35
ES7	Wheat Cleaning	Baghouse (stack 5)	2.8E-03	1.6E-03	2.7E-04	8760	2.94	0.26	0.26	0.26	12.89	1.14	1.14	42.13	3.72	3.72
		Baghouse (stack 6)				8760	2.94	0.26	0.26	0.26	12.89	1.14	1.14			
		Baghouse (stack 7)				8760	3.73	0.33	0.33	0.33	16.36	1.45	1.45			
ES8	A Mill	Baghouse (stack 8)	0.71	0.71	0.71	8760	3.17	0.28	2.06	2.06	13.88	9.02	9.02	35.19	22.88	22.88
		Baghouse (stack 9)				8760	4.87	0.43	3.16	3.16	21.31	13.85	13.85			
ES9	B Mill	Baghouse (stack 10)	0.74	0.74	0.74	8760	3.17	0.28	2.06	2.06	13.88	9.02	9.02	36.68	23.84	23.84
		Baghouse (stack 11)				8760	5.21	0.46	3.38	3.38	22.80	14.82	14.82			
ES10	C Mill	Baghouse (stack 12)	0.69	0.69	0.69	8760	3.17	0.28	2.06	2.06	13.88	9.02	9.02	34.20	22.23	22.23
		Baghouse (stack 14)				8760	3.17	0.28	2.06	2.06	13.88	9.02	9.02			
		Baghouse (stack 16)				8760	1.47	0.13	0.96	0.96	6.44	4.19	4.19			
ES12	Bulk Plant	Baghouse (stack 19)	3.3E-03	1.8E-03	3.1E-04	8760	0.91	0.08	0.08	0.08	3.97	0.35	0.35	7.93	0.70	0.70
		Baghouse (stack 22)				8760	0.91	0.08	0.08	0.08	3.97	0.35	0.35			
ES16	Rail Flour Loadout Bins	Baghouse (stack 26)	8.7E-04	7.1E-05	1.9E-04	8760	1.70	0.15	0.15	0.15	7.44	0.66	0.66	7.44	0.66	0.66
ES17	Hammermill	Baghouse (stack 27)	0.02	0.02	0.02	8760	1.92	0.17	0.17	0.17	8.43	0.74	0.74	8.43	0.74	0.74
ES18	Wheat Transfer from 2nd Cleaning to C Mill	Baghouse (stack 28)	7.8E-04	4.3E-04	7.4E-05	8760	1.92	0.17	0.17	0.17	8.43	0.74	0.74	8.43	0.74	0.74
ES19	Truck Feed Loadout Area	Baghouse (stack 30)	2.4E-03	8.1E-04	1.6E-04	8760	0.34	0.03	0.03	0.03	1.49	0.13	0.13	1.49	0.13	0.13
ES20	Bulk Rail Loadout Area	Removable filter socks	0.02	0.02	0.02	8760	0.23	0.02	0.02	0.02	0.99	0.09	0.09	0.99	0.09	0.09
ES21	Bulk Truck Loadout Area	Removable filter socks	0.02	0.02	0.02	8760	0.23	0.02	0.02	0.02	0.99	0.09	0.09	0.99	0.09	0.09
	Total		**2.32**	**2.26**	**2.21**		**52.51**	**4.64**	**18.24**	**18.24**	**230.0**	**79.9**	**79.9**	**230.0**	**79.9**	**79.9**

	Limited PTE of PM (ton/yr)	Limited PTE of (ton/yr)	Limited PTE of (ton/yr)
Total Limited PTE of Grain Elevator and Grain Milling (tons/year)	**230.00**	**81.05**	**81.05**

Methodology:
*Minor PSD limits and FESOP Limits are set in order to limit the total PM emissions to less than 230 tons/year and the total PM10 and PM2.5 emissions to less than 100 tons per year.
PM10 and PM2.5 emissions were provided by the source based on December 2012 testing results.

PM Emissions Limit (lbs/hr) = [(PM Controlled Potential Emissions (lbs/hr) / Total Controlled PM Emissions (lbs/hr)] * [230 tons/year * 2000 lbs/ton / 8760 hours/year]
PM10/PM2.5 Emissions Limit (lbs/hr) = [(PM10/PM2.5 Controlled Potential Emissions (lbs/hr) / Total Controlled PM10/PM2.5 Emissions (lbs/hr)] * [93 tons/year * 2000 lbs/ton / 8760 hours/year]

Limited PTE of PM (tons/yr) = [PM Emission Limit (lbs/hr)] * [Hours of Operation hours/year] / [2000 lbs/ton]
Limited PTE of PM10/PM2.5 (tons/yr) = [PM10/PM2.5 Emission Limit (lbs/hr)] * [Hours of Operation hours/year] / [2000 lbs/ton]

TSD Appendix A: Emissions Calculations
Grain Drying - Natural Gas Combustion
MM BTU/HR <100

Company Name: ADM Milling Company
Source Address: 614 W 2nd St., Mt. Vernon, IN 47620
Permit Number: F129-32202-00012
Reviewer: Brian Wright/Susann Brown

Unit	Maximum Heat Input Capacity (MMBtu/hr)	High Heat Value (MMBtu/MMscf)	Potential Throughput (MMcf/yr)
Boiler #1	5.2	1020	44.66
Boiler #2	4.2	1020	36.07
Totals	**9.40**		**80.73**

Criteria Pollutants	Pollutant						
	PM*	PM10*	PM2.5*	SO2	NOx	VOC	CO
Emission Factor in lb/MMcf	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.08	0.31	0.31	0.024	4.04	0.22	3.39

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

Hazardous Air Pollutants	HAPs - Organics*					HAPs - Metals*				
	Benzene	DCB	Formaldehyd	Hexane	Toluene	Pb	Cd	Cr	Mn	Ni
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	8.5E-05	4.8E-05	3.0E-03	0.07	1.4E-04	2.0E-05	4.4E-05	5.7E-05	1.5E-05	8.5E-05

*The five highest organic and metal HAPs emission factors are provided above. Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Methodology

Potential to Emit Total HAPs (tons/year) = 0.08

All emission factors are based on normal firing.
MMBtu = 1,000,000 Btu
MMCF = 1,020,000 Cubic Feet of Gas
Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03
Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,020 MMBtu
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Greenhouse Gases (GHGs)	Greenhouse Gas (GHG)		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120000	2.3	2.2
Potential Emission in tons/yr	4843.76	0.09	0.09
Summed Potential Emissions in tons/yr	4844		
CO2e Total in tons/yr	4873		

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 N20 GWP (310).

Abbreviations

PM = Particulate Matter
PM10 = Particulate Matter (<10 um)
SO2 = Sulfur Dioxide
NOx = Nitrous Oxides
VOC - Volatile Organic Compounds
CO = Carbon Monoxide
DCB = Dichlorobenzene
Pb = Lead
Cd = Cadmium
Cr = Chromium
Mn = Manganese
Ni = Nickel
CO2 = Carbon Dioxide
CH4 = Methane
N2O = Nitrous Oxide
CO2e = CO2 equivalent emissions

TSD Appendix A: Emission Calculations
Fugitive Dust Emissions - Paved Roads

Company Name: ADM Milling Company
Source Address: 614 W. 2nd Street Mount Vernon, IN 47620
Permit Number: F129-32202-00012
Reviewer: Brian Wright/Susann Brown

Paved Roads at Industrial Site
The following calculations determine the amount of emissions created by paved roads, based on 8,760 hours of use and AP-42, Ch 13.2.1 (1/2011).

Vehicle Information (provided by source)

Type of Traffic	Vehicle Type	Maximum number of vehicles per day	Number of one-way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight of Loaded Vehicle (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Vehicle Type 1 (entering plant) (one-way trip)	Tractor/Trailer (Flour)	30.0	1.0	30.0	40.0	1200.0	1085	0.205	6.2	2250.1
Vehicle Type 1 (leaving plant) (one-way trip)	Tractor/Trailer (Flour)	30.0	1.0	30.0	40.0	1200.0	1085	0.205	6.2	2250.1
Vehicle Type 2 (entering plant) (one-way trip)	Tractor/Trailer (Wheat/Other)	60.0	1.0	60.0	40.0	2400.0	680	0.129	7.7	2820.5
Vehicle Type 2 (leaving plant) (one-way trip)	Tractor/Trailer (Wheat/Other)	60.0	1.0	60.0	40.0	2400.0	680	0.129	7.7	2820.5
			Total	**180.0**		**7200.0**			**27.8**	**10141.2**

Average Vehicle Weight Per Trip = 40.0 tons/trip
Average Miles Per Trip = 0.15 miles/trip

Unmitigated Emission Factor, Ef = [k * (sL)^0.91 * (W)^1.02] (Equation 1 from AP-42 13.2.1)

	PM	PM10	PM2.5	
where k =	0.011	0.0022	0.00054	lb/VMT = particle size multiplier (AP-42 Table 13.2.1-1)
W =	40.0	40.0	40.0	tons = average vehicle weight (provided by source)
sL =	9.7	9.7	9.7	g/m^2 = silt loading value for paved roads at iron and steel production facilities - Table 13.2.1-3)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, Eext = E * [1 - (p/4N)] (Equation 2 from AP-42 13.2.1)
Mitigated Emission Factor, Eext = Ef * [1 - (p/4N)]
where p = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.1-2)
N = 365 days per year

	PM	PM10	PM2.5	
Unmitigated Emission Factor, Ef =	3.745	0.749	0.1838	lb/mile
Mitigated Emission Factor, Eext =	3.424	0.685	0.1681	lb/mile

Type of Traffic	Vehicle Type	Unmitigated PTE of PM (tons/yr)	Unmitigated PTE of PM10 (tons/yr)	Unmitigated PTE of PM2.5 (tons/yr)	Mitigated PTE of PM (tons/yr)	Mitigated PTE of PM10 (tons/yr)	Mitigated PTE of PM2.5 (tons/yr)
Vehicle Type 1 (entering plant) (one-way trip)	Tractor/Trailer (Flour)	4.21	0.84	0.21	3.85	0.77	0.19
Vehicle Type 1 (leaving plant) (one-way trip)	Tractor/Trailer (Flour)	4.21	0.84	0.21	3.85	0.77	0.19
Vehicle Type 2 (entering plant) (one-way trip)	Tractor/Trailer (Wheat/Other)	5.28	1.06	0.26	4.83	0.97	0.24
Vehicle Type 2 (leaving plant) (one-way trip)	Tractor/Trailer (Wheat/Other)	5.28	1.06	0.26	4.83	0.97	0.24
		18.99	**3.80**	**0.93**	**17.36**	**3.47**	**0.85**

Methodology
Total Weight driven per day (ton/day) = [Maximum Weight of Loaded Vehicle (tons/trip)] * [Maximum trips per day (trip/day)]
Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip) / [5280 ft/mile]
Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
Unmitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Unmitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Mitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Mitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Controlled PTE (tons/yr) = [Mitigated PTE (tons/yr)] * [1 - Dust Control Efficiency]

Abbreviations
PM = Particulate Matter
PM10 = Particulate Matter (<10 um)
PM2.5 = Particle Matter (<2.5 um)
PTE = Potential to Emit

TSD Appendix A: Emissions Calculations
PM Emissions From the Grain Handling, Storage and Drying Processes
Demonstration of Compliance with 326 IAC 6-3-2

Company Name: ADM Milling Company
Source Address: 614 W. 2nd Street Mount Vernon, IN 47620
Permit Number: F129-32202-00012
Reviewer: Brian Wright/Susann Brown

Allowable Emissions Under 326 IAC 6-3-2

Emissions Unit	Maximum Process Weight (tons/hr)	PM Emission Factor (lbs/ton)	Control Device(s)	Collection and Control Efficiency (%)	PM Emissions Before Control (lbs/hr)	**326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)**	PM Emissions After Control (lbs/hr)
Receiving							
Straight Truck (ES1)	120	0.18	Baghouse	99.90%	21.60	**53.13**	0.02
Rail (ES22)	190	0.032	None	0.0%	6.08	**57.95**	6.08
Internal Handling							
A Elevator (ES6)	300.0	0.061	Baghouse	99.90%	18.30	**63.00**	0.02
B Elevator (ES4)	240.0	0.061	Baghouse	99.90%	14.64	**60.50**	0.01
B Elevator Top (ES4 - Top)	600.0	0.061	Baghouse	99.90%	36.60	**71.16**	0.04
C Elevator (ES15)	300.0	0.061	Baghouse	99.90%	18.30	**63.00**	0.02
Wheat Cleaning House (ES7)	45.9	0.061	Baghouse	99.90%	2.80	**43.78**	2.8E-03
Milling							
A Mill (ES8)	14.38	-	Baghouse	99.90%	714.86	**24.46**	0.71
B Mill (ES9)	14.38	-	Baghouse	99.90%	740.57	**24.46**	0.74
C Mill (ES10)	15.81	-	Baghouse	99.90%	694.29	**26.07**	0.69
Bulk Plant (ES12)	54.00	-	Baghouse	99.90%	3.29	**45.30**	3.3E-03
Bagging and Loadout							
Rail Flour Loadout Bins (ES16)	32.29	-	Baghouse	99.90%	0.87	**40.60**	8.7E-04
Hammermill (ES17)	12.72	-	Baghouse	99.90%	15.26	**22.53**	0.02
Wheat Transfer from 2nd Cleaning to C Mill (ES18)	12.72		Baghouse	99.90%	0.78	**22.53**	7.8E-04
Truck Feed Loadout Area (ES19)	28.00	-	Baghouse	99.90%	2.41	**38.23**	2.4E-03
Bulk Rail Loadout Area (ES20)	10.95	-	Removable Filter Socks	80.00%	0.08	**20.38**	0.02
Bulk Truck Loadout Area (ES21)	18.38	-	Removable Filter Socks	80.00%	0.08	**28.83**	0.02

* Since these units emit less than 0.551 lbs/hour they are not subject to 326 IAC 6-3-2

Allowable emissions under 326 IAC 6-3-2 are calculated using the equation where the process weight rate up to sixty thousand (60,000) pounds per hour:

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

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

Where the process weight rate is in excess of sixty thousand (60,000) pounds per hour calculate the allowable emissions using of the equation:

$E = 55.0\ P^{0.11} - 40$ where

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

Emission factors are from AP 42 Table 9.9.1-1 Particulate Emission Factors for Grain Elevators (4/03)

Methodology
Maximum Grain Throughput (tons/hr) = Maximum Grain Throughput (bushels/hr) x 60 (lbs/bushel) x 1 ton/2000 lbs
PTE of PM/PM10 Before Control (lbs/hr) = Maximum Throughput (tons/hr) x Emission factor (lbs/ton)
PTE of PM/PM10 After Control (tons/yr) = Maximum Throughput (tons/hr) x Emission factor (lbs/ton) x (1- Control Efficiency (%))

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
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Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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

TO: Kyle Shiffelbein
ADM Milling Company
614 West 2nd Street
Mount Vernon, IN 47620

DATE: September 5, 2013

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

SUBJECT: Final Decision
Significant Revision to a Federally Enforceable State Operating Permit (FESOP)
129-32202-00012

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

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

A copy of the final decision and supporting materials has also been sent via standard mail to:
OAQ Permits Branch Interested Parties List

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

September 5, 2013

TO: Alexandrian Public Library

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

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

Applicant Name: ADM Milling Company
Permit Number: 129-32202-00012

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

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

Enclosures
Final Library.dot 6/13/2013

Mail Code 61-53

IDEM Staff	VHAUN 9/5/2013 ADM Milling Company 129-32202-00012 FINAL		
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