



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: August 16, 2012

RE: Agricolor Inc / 053-31666-00052

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.dot12/03/07



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Federally Enforceable State Operating Permit Renewal OFFICE OF AIR QUALITY

Agricor, Inc.
1626 S. Joaquin Drive
Marion, Indiana 46953

(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.: F053-16206-00052	
Original signed by: Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: September 12, 2007 Expiration Date: September 12, 2017

First Administrative Amendment No.: 053-25650-00052, issued on January 14, 2008
Second Administrative Amendment No.: 053-27270-00052, issued on February 2, 2009
First Minor Permit Revision No.: 053-28627-00052, issued on January 26, 2010
Third Administrative Amendment No.: 053-290046-00052, issued on May 5, 2010
Fourth Administrative Amendment No.: 053-30313-00052, issued on July 25, 2011

First Significant Permit Revision No.: 053-31666-00052	
Issued by:  Nathan C. Bell, Section Chief Permits Branch Office of Air Quality	Issuance Date: August 16, 2012 Expiration Date: September 12, 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 dry corn milling operation.

Source Address:	1626 S. Joaquin Drive, Marion, Indiana 46953
General Source Phone Number:	(765) 662-0606
SIC Code:	2041
County Location:	Grant
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 system, identified as Specialty Corn Receiving, approved for construction in 2012, with a maximum capacity of 280,000 pounds of grain products per hour, equipped with one (1) baghouse for particulate control, identified as SPC-DC-01, exhausting to stack SPC-FN-01, consisting of the following:
 - (1) One (1) truck receiving hopper, identified as SPC-ME-01;
 - (2) One (1) drag conveyor, identified as SPC-CV-01;
 - (3) Transfer equipment; and
 - (4) One (1) elevator, identified as SPC-BE-01.
- (b) One (1) truck receiving system, identified as RS-1, constructed in 2002, capacity 560,000 pounds of grain products per hour, consisting of the following:
 - (1) One (1) receiving conveyor, identified as RC-1, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
 - (2) Three (3) receiving bins, identified as RSB-1, RSB-2, and RSB-3;
 - (3) One (1) transfer conveyor, identified as RC-2, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
 - (4) One (1) truck receiving pit, identified as RP, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
- (c) Three (3) storage bins, identified as M-1, M-2, and M-3, constructed in 1983, capacity: 120,000 pounds of grain products, each.

- (d) Fifteen (15) finished product storage bins, identified as 1-1 through 1-4, 2-1 through 2-4, 3-1 through 3-4, and 4-1 through 4-3, constructed in 1983, capacity: 50,000 pounds of grain products each. Finished product is transferred to the packaging operation. Packaging exhaust from the packaging operation is routed through a baghouse, identified as PDC, and exhausting to Stack PDC.
- (e) One (1) storage bin, identified as Temper, constructed in 1983, capacity: 20,000 pounds of grain products.
- (f) Six (6) storage bins, identified as C-1, C-2, C-3, and C-4, constructed in 1983, C-5, constructed in 2001, and SPC-SI-06, approved for construction in 2012, capacity: 560,000 pounds of corn, each.
- (g) One (1) Corn Handling Operation, approved for construction in 2012, equipped with one (1) baghouse for particulate control, identified as CVC-DC-01, exhausting to stack CVC-FN-01, which includes:
 - (1) One (1) specialty corn transfer operation, which includes a reclaim drag conveyor, reclaim elevator, and transfer equipment, with a maximum capacity of 128,000 pounds of corn per hour.
 - (2) One (1) corn transfer operation that will be used for conventional and specialty corn, which includes conveyance equipment and a milling surge hopper, with a maximum capacity of 168,000 pounds of corn per hour.
 - (3) Three (3) storage bins, identified as CVC-SI-04, CVC-SI-05, and CVC-SI-06, with a maximum capacity of 1,680,000 pounds of grain products, each.
- (h) One (1) grain handling and cleaning operation, identified as Line 1 and 2 Cleaning, constructed in 1983 and modified in 2001, equipped with one (1) baghouse for particulate control. Baghouse CH-1 vents inside the Cleaning House, capacity: 56,000 pounds of corn per hour.
- (i) One (1) supplemental grain handling and cleaning operation, approved for construction in 2012, designed to clean, sort, warm and temper the corn, equipped with one (1) baghouse, identified as CH-DC-02, for particulate control, exhausting to stack CH-FN-02, with a maximum capacity of 56,000 pounds of corn per hour.
- (j) One (1) meal drying operation, identified as Line 1 Drying, constructed in 1983, equipped with three (3) rotary dryers, identified as Meal, Grits, and Cones Dryers and three (3) cyclones for particulate control, identified as D-1, D-2, and D-3, each initially exhausting to an additional cyclone, identified as D-8 which then exhausts to Stack D-8, capacity: 28,000 pounds of grain per hour.
- (k) One (1) meal drying operation, identified as Line 2 Drying, constructed in 2001, capacity 28,000 pounds of grain products per hour, consisting of the following:
 - (1) One (1) meal rotary dryer, identified as D4, equipped with one (1) cyclone for particulate control, identified as D-4, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
 - (2) One (1) grits rotary dryer, identified as D5, equipped with one (1) cyclone for particulate control, identified as D-5, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.

- (3) One (1) flour rotary dryer, identified as D6, equipped with one (1) cyclone for particulate control, identified as D-6, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.

- (l) One (1) cooling operation, identified as Line 1 Cooling, constructed in 1983, equipped with two (2) coolers, identified as Meal and Grits Coolers and two (2) baghouses for particulate control, identified as C-1 and C-2, initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of grain products per hour.

- (m) One (1) cooling operation, identified as Line 2 Cooling, constructed in 2001, equipped with two (2) coolers, identified as Meal and Grits Coolers and two (2) baghouses for particulate control, identified as C-4 and C-5, with C-4 and C-5 exhausting to Stacks C-4 and C-5 initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of grain products per hour.

- (n) One (1) milling line, identified as Line 1 Milling, constructed in 1983 with equipment upgrades in 1998, consisting of the following: one sifting operation, one grinding operation, and one aspiration operation equipped with five (5) baghouses for particulate control, identified as A/B asp, A plf, B asp, B plf, and A/B feed, initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of corn per hour.

- (o) One (1) milling line, identified as Line 2 Milling, constructed in 2001, capacity: 28,000 pounds of corn per hour, consisting of the following: three (3) roller mills, two (2) sifting operations, and eight (8) aspiration operations, equipped with three (3) baghouses for particulate control, identified as MVSA, C gs and C plf & booster fan, all initially exhausting inside the Milling Buildings, which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3)

- (p) One (1) hammermill, constructed in 2001, equipped with a baghouse for particulate control, identified as GSF, exhausting to Stack GSF, capacity: 28,000 pounds of corn per hour.

- (q) One (1) bran processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to separate bran from endosperm and to grain bran, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.

- (r) One (1) whole grain processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to condition and grind corn product streams, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.

- (s) One (1) germ processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to separate germ from endosperm, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 9,000 pounds of corn per hour.

- (t) One (1) feed conveying operation, constructed in 2001, equipped with a baghouse for particulate control, identified as FC-1, exhausting to Stack FC-1, initially exhausting inside the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of corn per hour.
- (u) One (1) food grade product packaging, loading and shipping operation, identified as Food Grade Load-out, which includes the Truck Load-out, Rail Load-out and bagging operation, with a combined capacity of 225,680 tons per year. Truck Load-out was constructed in 1983, equipped with a baghouse, identified as TLP, exhausting to Stack TLP, capacity 51,520 pounds of grain products per hour. The bagging operation was constructed in 1983. Packaging exhaust is routed through a baghouse identified as PDC, which exhausts to Stack PDC. Rail Load-out was constructed in 1983, capacity 51,520 pounds of product per hour.
- (v) One (1) feed loading and shipping operation, identified as Feed Load-out, with a combined maximum capacity of 78,980 tons per year, consisting of the following equipment:
 - (1) Specialty feed material handling equipment, approved for construction in 2012, equipped with a baghouse TLF, exhausting to stack TLF, with a maximum capacity of 100,000 pounds of feed per hour.
 - (2) Three (3) storage silos, identified as SFD-SI-01, SFD-SI-02, and SFD-SI-03, approved for construction in 2012, equipped with baghouse TLF, exhausting to stack TLF, with a maximum capacity of 140,000 pounds of feed, each.
 - (3) Feed Load-out, constructed in 2006, equipped with two (2) baghouses, identified as TLF and GSF, exhausting to stacks TLF and GSF, respectively, with a maximum capacity of 200,000 pounds of feed per hour.
 - (4) Rail Feed Loadout, constructed in 1983, with a maximum capacity of 100,000 pounds of feed per hour.

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:

Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour; and Propane for liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) British thermal units per hour [326 IAC 6-2-4].

- (a) One (1) natural gas-fired boiler, identified as B1, constructed after September 21, 1983, utilizing liquid petroleum gas as a back-up fuel, heat input capacity: 1.67 million British thermal units per hour; and
- (b) One (1) natural gas-fired boiler, identified as B2, constructed in 1998, utilizing liquid petroleum gas as a back-up fuel, heat input capacity: 4.19 million British thermal units per hour.
- (c) One (1) natural gas fired boiler, identified as B3, constructed in 2010, permitted in 2011, utilizing liquid petroleum gas as a back-up fuel, heat input capacity: 6.695 million British thermal units per hour.
- (d) Unpaved roads and parking lots with public access. [326 IAC 2-7-1(21)(G)(xiii)]

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) to renew 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, F053-16206-00052, 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] [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. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:
- Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (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) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

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

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

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

The Permittee shall implement the PMPs.

- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.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, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

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

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

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

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

The notice fulfills the requirement of 326 IAC 2-8-4(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 F053-16206-00052 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 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.16 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.17 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.18 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.19 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.20 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.21 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.22 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.23 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 CO₂ equivalent emissions (CO₂e) 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 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the Fugitive Dust Control Plan submitted on December 6, 1996. The plan consists of:

- (a) Wet suppression of dust from unpaved roadways on an as needed basis.
- (b) Keeping the truck speed within five (5) miles per hour by posting speed limit sign.

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 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 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.14 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.15 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.16 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:
 - (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:
 - (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.17 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) 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.18 Compliance with 40 CFR 82 and 326 IAC 22-1

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

SECTION D.1

EMISSIONS UNIT OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Dry Corn Milling Operation

- (a) One (1) truck receiving system, identified as Specialty Corn Receiving, approved for construction in 2012, with a maximum capacity of 280,000 pounds of grain products per hour, equipped with one (1) baghouse for particulate control, identified as SPC-DC-01, exhausting to stack SPC-FN-01, consisting of the following:
 - (1) One (1) truck receiving hopper, identified as SPC-ME-01;
 - (2) One (1) drag conveyor, identified as SPC-CV-01;
 - (3) Transfer equipment; and
 - (4) One (1) elevator, identified as SPC-BE-01.
- (b) One (1) truck receiving system, identified as RS-1, constructed in 2002, capacity 560,000 pounds of grain products per hour, consisting of the following:
 - (1) One (1) receiving conveyor, identified as RC-1, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
 - (2) Three (3) receiving bins, identified as RSB-1, RSB-2, and RSB-3;
 - (3) One (1) transfer conveyor, identified as RC-2, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
 - (4) One (1) truck receiving pit, identified as RP, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
- (c) Three (3) storage bins, identified as M-1, M-2, and M-3, constructed in 1983, capacity: 120,000 pounds of grain products, each.
- (d) Fifteen (15) finished product storage bins, identified as 1-1 through 1-4, 2-1 through 2-4, 3-1 through 3-4, and 4-1 through 4-3, constructed in 1983, capacity: 50,000 pounds of grain products each. Finished product is transferred to the packaging operation. Packaging exhaust from the packaging operation is routed through a baghouse, identified as PDC, and exhausting to Stack PDC.
- (e) One (1) storage bin, identified as Temper, constructed in 1983, capacity: 20,000 pounds of grain products.
- (f) Six (6) storage bins, identified as C-1, C-2, C-3, and C-4, constructed in 1983, C-5, constructed in 2001, and SPC-SI-06, approved for construction in 2012, capacity: 560,000 pounds of corn, each.
- (g) One (1) Corn Handling Operation, approved for construction in 2012, equipped with one (1) baghouse for particulate control, identified as CVC-DC-01, exhausting to stack CVC-FN-01, which includes:
 - (1) One (1) specialty corn transfer operation, which includes a reclaim drag conveyor, reclaim elevator, and transfer equipment, with a maximum capacity of 128,000 pounds of corn per hour.

- (2) One (1) corn transfer operation that will be used for conventional and specialty corn, which includes conveyance equipment and a milling surge hopper, with a maximum capacity of 168,000 pounds of corn per hour.
- (3) Three (3) storage bins, identified as CVC-SI-04, CVC-SI-05, and CVC-SI-06, with a maximum capacity of 1,680,000 pounds of grain products, each.
- (h) One (1) grain handling and cleaning operation, identified as Line 1 and 2 Cleaning, constructed in 1983 and modified in 2001, equipped with one (1) baghouses for particulate control. Baghouse CH-1 vents inside the Cleaning House, capacity: 56,000 pounds of corn per hour.
- (i) One (1) supplemental grain handling and cleaning operation, approved for construction in 2012, designed to clean, sort, warm and temper the corn, equipped with one (1) baghouse, identified as CH-DC-02, for particulate control, exhausting to stack CH-FN-02, with a maximum capacity of 56,000 pounds of corn per hour.
- (j) One (1) meal drying operation, identified as Line 1 Drying, constructed in 1983, equipped with three (3) rotary dryers, identified as Meal, Grits, and Cones Dryers and three (3) cyclones for particulate control, identified as D-1, D-2, and D-3, each initially exhausting to an additional cyclone, identified as D-8 which then exhausts to Stack D-8, capacity: 28,000 pounds of grain per hour.
- (k) One (1) meal drying operation, identified as Line 2 Drying, constructed in 2001, capacity 28,000 pounds of grain products per hour, consisting of the following:
 - (1) One (1) meal rotary dryer, identified as D4, equipped with one (1) cyclone for particulate control, identified as D-4, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
 - (2) One (1) grits rotary dryer, identified as D5, equipped with one (1) cyclone for particulate control, identified as D-5, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
 - (3) One (1) flour rotary dryer, identified as D6, equipped with one (1) cyclone for particulate control, identified as D-6, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
- (l) One (1) cooling operation, identified as Line 1 Cooling, constructed in 1983, equipped with two (2) coolers, identified as Meal and Grits Coolers and two (2) baghouses for particulate control, identified as C-1 and C-2, initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of grain products per hour.
- (m) One (1) cooling operation, identified as Line 2 Cooling, constructed in 2001, equipped with two (2) coolers, identified as Meal and Grits Coolers and two (2) baghouses for particulate control, identified as C-4 and C-5, with C-4 and C-5 exhausting to Stacks C-4 and C-5 initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of grain products per hour.

- (n) One (1) milling line, identified as Line 1 Milling, constructed in 1983 with equipment upgrades in 1998, consisting of the following: one sifting operation, one grinding operation, and one aspiration operation equipped with five (5) baghouses for particulate control, identified as A/B asp, A plf, B asp, B plf, and A/B feed, initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of corn per hour.
- (o) One (1) milling line, identified as Line 2 Milling, constructed in 2001, capacity: 28,000 pounds of corn per hour, consisting of the following: three (3) roller mills, two (2) sifting operations, and eight (8) aspiration operations, equipped with three (3) baghouses for particulate control, identified as MVSA, C gs and C plf & booster fan, all initially exhausting inside the Milling Buildings, which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3)
- (p) One (1) hammermill, constructed in 2001, equipped with a baghouse for particulate control, identified as GSF, exhausting to Stack GSF, capacity: 28,000 pounds of corn per hour.
- (q) One (1) bran processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to separate bran from endosperm and to grain bran, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.
- (r) One (1) whole grain processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to condition and grind corn product streams, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.
- (s) One (1) germ processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to separate germ from endosperm, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 9,000 pounds of corn per hour.
- (t) One (1) feed conveying operation, constructed in 2001, equipped with a baghouse for particulate control, identified as FC-1, exhausting to Stack FC-1, initially exhausting inside the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of corn per hour.
- (u) One (1) food grade product packaging, loading and shipping operation, identified as Food Grade Load-out, which includes the Truck Load-out, Rail Load-out and bagging operation, with a combined capacity of 225,680 tons per year. Truck Load-out was constructed in 1983, equipped with a baghouse, identified as TLP, exhausting to Stack TLP, capacity 51,520 pounds of grain products per hour. The bagging operation was constructed in 1983. Packaging exhaust is routed through a baghouse identified as PDC, which exhausts to Stack PDC. Rail Load-out was constructed in 1983, capacity 51,520 pounds of product per hour.
- (v) One (1) feed loading and shipping operation, identified as Feed Load-out, with a combined maximum capacity of 78,980 tons per year, consisting of the following equipment:
 - (1) Specialty feed material handling equipment, approved for construction in 2012, equipped with a baghouse TLF, exhausting to stack TLF, with a maximum capacity of 100,000 pounds of feed per hour.
 - (2) Three (3) storage silos, identified as SFD-SI-01, SFD-SI-02, and SFD-SI-03, approved for construction in 2012, equipped with baghouse TLF, exhausting to stack TLF, with a maximum capacity of 140,000 pounds of feed, each.

- (3) Feed Load-out, constructed in 2006, equipped with two (2) baghouses, identified as TLF and GSF, exhausting to stacks TLF and GSF, respectively, with a maximum capacity of 200,000 pounds of feed per hour.
 - (4) Rail Feed Loadout, constructed in 1983, with a maximum capacity of 100,000 pounds of feed per hour.
- (The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

D.1.1 FESOP and PSD Minor Limits [326 IAC 2-2] [326 IAC 2-8]

- (a) The total amount of corn received at the Truck Receiving shall be less than 225,680 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
 - (1) PM emissions from Truck Receiving shall not exceed 0.018 pounds per ton of grain received.
 - (2) PM10 emissions from Truck Receiving shall not exceed 0.0059 pounds per ton of grain received.
 - (3) PM2.5 emissions from Truck Receiving shall not exceed 0.0059 pounds per ton of grain received.
- (b) The total amount of corn received at the Specialty Corn Receiving shall be less than 61,320 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
 - (1) PM emissions from Specialty Corn Receiving shall not exceed 0.018 pounds per ton of grain received.
 - (2) PM10 emissions from Specialty Corn Receiving shall not exceed 0.0059 pounds per tons of grain received.
 - (3) PM2.5 emissions from Specialty Corn Receiving shall not exceed 0.0059 pounds per ton of grain received.
- (c) In order to ensure that this source emits less than two hundred fifty (250) tons per year of PM, and less than one hundred (100) tons per year of PM₁₀, the following hourly limits shall apply as specified below:

Facility	PM Limit (lbs/hour)	PM10 Limit (lbs/hour)	PM2.5 Limit (lbs/hour)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	0.25	0.25	0.25
Corn Handling Corn Handling Baghouse CVC-DC-01	0.46	0.46	0.46
Line 1 and Line 2 Cleaning Cleaninghouse Baghouse CH-1	1.74	1.74	1.74

Facility	PM Limit (lbs/hour)	PM10 Limit (lbs/hour)	PM2.5 Limit (lbs/hour)
Line 1 Drying Meal Dryer Cyclone, D-1 Grits Cyclone, D-2 Cones Cyclone, D-3 (ALL CONTROLLED BY CYCLONE D-8)	3.56	3.56	3.56
Line 2 Drying Meal Dryer Cyclone, D-4 Grits Dryer Cyclone, D-5 Cones Dryer Cyclone, D-6 (ALL CONTROLLED BY CYCLONE D-7)	1.94	1.94	1.94
Line 1 Cooling Meal Cooler Baghouse, C-1 Grits Cooler Baghouse, C-2	0.69 0.26	0.69 0.26	0.69 0.26
Line 2 Cooling Meal Cooler Baghouse, C-4 Grit Cooler Baghouse, C-5	0.28 0.56	0.28 0.56	0.28 0.56
Line 1 Milling Pneumatic Lift Baghouse, A plf Pneumatic Lift Baghouse, B plf Aspirator Baghouse, A/B asp Cleaninghouse Baghouse, B asp Feed Baghouse, A/B feed	0.50 0.26 1.20 1.54 0.45	0.50 0.26 1.20 1.54 0.45	0.50 0.26 1.20 1.54 0.45
Line 2 Milling Pneumatic Lift Baghouse, C plf & booster fan General Aspiration Baghouse, C gs Aspirator Baghouse, MVSA Feed Collection Baghouse, FC-1	0.57 0.94 0.94 0.65	0.57 0.94 0.94 0.65	0.57 0.94 0.94 0.65
Grain Sorting and Tempering Operation Baghouse CH-DC-02	0.12	0.12	0.12
Bran/Whole Grain Bran/Whole Grain Baghouse GEN-DC-01	0.86	0.86	0.86
Feed Conveying Operation Baghouse FC-1	0.65	0.65	0.65
Loading/Shipping and Hammermill Truck Loadout Baghouse (Feed), TLF Truck Loadout Prime, TLP General Suction Baghouse, GSF	0.25 1.06 0.15	0.25 1.06 0.15	0.25 1.06 0.15

Compliance with the above limits, combined with the potential to emit PM PM10, and PM2.5 from other emission units at the source, shall limit the PM PM10, and PM2.5 emissions from the entire source to less than 250 tons, 100 tons, and 100 tons per twelve (12) consecutive month period, respectively, and shall render 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 326 IAC 2-7 (Part 70) not applicable.

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

Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from each of the facilities listed in the following table shall not exceed the pound per hour value when operating at the specified process weight rate:

Unit ID/ Process	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (lbs/hr)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	140	54.72
Truck Receiving (Baghouse RS-1)	280	62.22
Corn Handling (Baghouse CVC-DC-01)	84.0	49.54
Line 1 and Line 2 Cleaning (Baghouse CH-1)	28.0	38.23
Line 1 Drying (Stack D-8)	14.0	24.03
Line 2 Drying (Stack D-7)	14.0	24.03
Line 1 Cooling (Baghouses C-1 and C-2)	14.0 each	24.03 each
Line 2 Cooling (Baghouses C-4, and C-5)	14.0 each	24.03 each
Line 1 Milling (Baghouses A plf, B plf, A/B asp, B asp and A/B feed)	14.0 each	24.03 each
Line 2 Milling (Baghouses C plf & booster fan, C gs, and MVSA)	14.0 each	24.03 each
Grain Sorting and Tempering Operation (Baghouse CH-DC-02)	28.0	38.23
Bran/Whole Grain/Germ Processing (Baghouse GEN-DC-01)	6.5	14.37
Feed Conveying Operation (Baghouse FC-1)	14.0	24.03
Loading/Shipping (Baghouse TLP)	25.76	36.15
Feed Load-out and Hammermill (Baghouses TLF and GSF)	50 each	44.58 each
Fugitive Load-out Rail Feed Load-out	50	44.58

These limitations are based on the following equations:

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

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

and

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:

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

When the process weight rate exceeds two hundred (200) tons per hour, the allowable emission may exceed that calculated by the above equation, provided the concentration of particulate in the discharge gases to the atmosphere is less than one-tenth (0.10) pound per one thousand (1,000) pounds of gases.

D.1.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.1.4 Particulate Control

- (a) In order to comply with Conditions D.1.1 and D.1.2, the control equipment for particulate control shall be in operation and control emissions from the facilities at all times that the facilities are in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.1.5 Visible Emissions Notations

- (a) Visible emission notations of Stacks SPC-FN-01, CVC-FN-01, CH-FN-02, RS-1, V-1, V-2, V-3, D-8, D-7, TLP, GSF, GEN-FN-01, and TLF 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.1.6 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

- (a) The Permittee shall record the pressure drop across the control devices used in conjunction with the dry corn milling operation at least once per day when the associated processes are in operation.
- (1) When, for any one reading, the pressure drop across baghouse P-1 is outside of the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between 1.0 and 6.0 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 or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.
 - (2) When for any one reading, the pressure drop across baghouse MVSA is outside of the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between 4.0 and 10.0 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 or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.
 - (3) When for any one reading, the pressure drop across cyclone D-1 or baghouses SPC-DC-01, CVC-DC-01, CH-DC-02, FC-1, C-4, CH-1, B asp, A plf, A/B asp, C gs, C-5 or GEN-DC-01, is outside of the normal range, the Permittee shall take a reasonable response. The normal range for these units is a pressure drop between 2.0 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 or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.
 - (4) When for any one reading, the pressure drop across cyclones D-2, D-4, D-5, and D-6, or baghouses GSF, TLF, C-1, B plf or C plf & booster fan is outside of the normal range, the Permittee shall take a reasonable response. The normal range for these units is a pressure drop between 1.0 and 4.0 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 or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.
 - (5) When for any one reading, the pressure drop across cyclone D-3 and baghouses RS-1, A/B feed, or C-2 is outside of the normal range, the Permittee shall take a reasonable response. The normal range for these units is a pressure drop between 1.0 and 6.0 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 or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure

reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

- (b) 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.1.7 Broken or Failed Bag Detection

- (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 or dust traces.

D.1.8 Cyclone Failure Detection

- (a) For a cyclone 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 cyclone 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).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.9 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.5, the Permittee shall maintain a daily record of visible emission notations of the process stack exhausts (Stacks SPC-FN-01, CVC-FN-01, CH-FN-02, RS-1, V-1, V-2, V-3, D-8, D-7, TLP, GSF, GEN-FN-01, and TLF). 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 milling operation did not operate that day)
- (b) To document the compliance status with Condition D.1.6, the Permittee shall maintain daily records of the pressure drop across the cyclones and baghouses controlling the milling process. 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 milling operation did not operate that day).

D.1.10 Reporting Requirements

Quarterly summaries of the information to document compliance with Conditions D.1.1(a) and D.1.1(b) shall be submitted not 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 reports submitted by the Permittee 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).

SECTION D.2

FACILITY OPERATION CONDITIONS

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

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour; and Propane for liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) British thermal units per hour [326 IAC 6-2-4]:
- (1) One (1) natural gas-fired boiler, identified as B1, constructed after September 21, 1983, utilizing liquid petroleum gas as a back-up fuel, heat input capacity: 1.67 million British thermal units per hour; and
 - (2) One (1) natural gas-fired boiler, identified as B2, constructed in 1998, utilizing liquid petroleum gas as a back-up fuel, heat input capacity: 4.19 million British thermal units per hour.
 - (3) One (1) natural gas fired boiler, identified as B3, constructed in 2010, permitted in 2011, utilizing liquid petroleum gas as a back-up fuel, heat input capacity: 6.695 million British thermal units per hour.

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

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

D.2.1 Particulate Emission Limitations for Sources of Indirect Heating [326 IAC 6-2-4]

- (a) Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating: Emission limitations for facilities specified in 326 IAC 6-2-1(d)), the particulate emissions from B1 shall not exceed 0.6 pound per million British thermal units heat input (lb/MMBtu).
- (b) Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating: Emission limitations for facilities specified in 326 IAC 6-2-1(d)), the particulate emissions from B2 shall not exceed 0.6 pound per million British thermal units heat input (lb/MMBtu).

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

Source Name: Agricor, Inc.
Source Address: 1626 S. Joaquin Drive, Marion, Indiana 46953
FESOP Permit No.: F053-16206-00052

**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
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: Agricor, Inc.
Source Address: 1626 S. Joaquin Drive, Marion, Indiana 46953
FESOP Permit No.: F053-16206-00052

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**

FESOP Quarterly Report

Source Name: Agricor, Inc.
Source Address: 1626 South Joaquin Drive, Marion, Indiana 46952
FESOP No.: F 053-16206-00052
Facility: Truck Receiving
Parameter: Tons of corn received
Limit: Less than 225,680 tons per twelve (12) consecutive month period, with compliance determined at the end of each month

QUARTER: _____ YEAR: _____

Month	Tons of Corn Received	Tons of Corn Received	Tons of Corn Received
	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**

FESOP Quarterly Report

Source Name: Agricor, Inc.
Source Address: 1626 South Joaquin Drive, Marion, Indiana 46952
FESOP No.: F 053-16206-00052
Facility: Specialty Corn Receiving
Parameter: Tons of corn received
Limit: Less than 61.32 tons per twelve (12) consecutive month period, with compliance determined at the end of each month

QUARTER: _____ YEAR: _____

Month	Tons of Corn Received	Tons of Corn Received	Tons of Corn Received
	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
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Agricor, Inc.
Source Address: 1626 S. Joaquin Drive, Marion, Indiana 46953
FESOP Permit No.: F053-16206-00052

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

Page 1 of 2

<p>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".</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> 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: Agricor, Inc.
Source Location: 1626 S. Joaquin Drive, Marion, Indiana 46953
County: Grant
SIC Code: 2041 (Flour and Other Grain Mill Products)
Operation Permit No.: F053-16206-00052
Operation Permit Issuance Date: September 12, 2007
Significant Permit Revision No.: 053-31666-00052
Permit Reviewer: Summer Keown

On March 26, 2012, the Office of Air Quality (OAQ) received an application from Agricor, Inc. related to a modification to an existing dry corn milling operation.

Existing Approvals

The source was issued FESOP Renewal No. F053-16206-00052 on September 12, 2007. The source has since received the following approvals:

- (a) Administrative Amendment No. 053-25650-00052, issued on January 14, 2008;
- (b) Administrative Amendment No. 053-27250-00052, issued on February 2, 2009;
- (c) Minor Permit Revision No. 053-28627-00052, issued on January 26, 2010;
- (d) Administrative Amendment No. 053-29046-00052, issued on May 20, 2010;
- (e) Administrative Amendment No. 053-30313-00052, issued on July 25, 2011; and
- (f) Interim Significant Permit Revision No. 053-31666I-00052, issued on May 15, 2012.

County Attainment Status

The source is located in Grant 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.	

Process/ Emission Unit	Potential To Emit of the Entire Source Prior to Revision (tons/year)									
	PM	PM10	PM2.5	SO ₂	NOx	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Line 2 Cooling	3.68	3.68	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 1 Milling	17.30	17.30	17.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 2 Milling	10.74	10.74	10.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hammermill	0.68	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feed Conveying Operation	2.85	2.85	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feed Load-Out	0.72	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Food Grade Load-Out	9.70	3.27	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Insignificant Activities	3.46	1.37	1.37	0.09	11.11	0.30	4.62	7,475	0.10	0.10 (hexane)
Total PTE of Entire Source	96.49	81.76	75.24	0.09	11.11	0.30	4.62	7,475	0.10	0.10 (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

negl. = negligible
 These emissions are based upon Fourth Administrative Amendment No. 053-30313-00053, issued on July 25, 2011.
 **The 100,000 CO₂e 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 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 Agricor, Inc. on March 26, 2012, relating to increase the raw corn storage capacity of the source, expand the plant's capabilities to include white corn, whole grain and bran processing, replace the Line 1 Receiving Unit with an enclosed truck receiving system called Specialty Corn Receiving, replace Transfer Operations with Corn Handling, including new handling and transfer equipment controlled by a baghouse, add four baghouses, modify the Feed Load-out by removing the Old Feed truck load-out, add new storage bins, change emission limits for some existing baghouses, and add emission limits for new units.

The following is a list of the new emission units:

- (a) One (1) truck receiving system, identified as Specialty Corn Receiving, approved for construction in 2012, with a maximum capacity of 280,000 pounds of grain products per hour, equipped with

- one (1) baghouse for particulate control, identified as SPC-DC-01, exhausting to stack SPC-FN-01, consisting of the following:
- (1) One (1) truck receiving hopper, identified as SPC-ME-01;
 - (2) One (1) drag conveyor, identified as SPC-CV-01;
 - (3) Transfer equipment; and
 - (4) One (1) elevator, identified as SPC-BE-01.
- (b) One (1) storage bin, identified as SPC-SI-01, approved for construction in 2012, with a maximum capacity of 560,000 pounds of corn.
- (c) One (1) Corn Handling operation, approved for construction in 2012, equipped with one (1) baghouse, identified as CVC-DC-01 for particulate control, exhausting to stack CVC-FN-01, which includes:
- (1) One (1) specialty corn transfer operation, which includes a reclaim drag conveyor, reclaim elevator, and transfer equipment, with a maximum capacity of 128,000 pounds of corn per hour;
 - (2) One (1) corn transfer operation that will be used for conventional and specialty corn, which includes conveyance equipment and a milling surge hopper, with a maximum capacity of 168,000 pounds of corn per hour; and
 - (3) Three (3) storage bins, identified as CVC-SI-04, CVC-SI-05, and CVC-SI-02, with a maximum capacity of 1,680,000 pounds of grain products, each.
- (d) One (1) supplemental grain handling and cleaning operation, approved for construction in 2012, designed to clean, sort, warm and temper the corn, equipped with one (1) baghouse, identified as CH-DC-02, for particulate control, exhausting to stack CH-FN-02, with a maximum capacity of 56,000 pounds of corn per hour.
- (e) One (1) bran processing area, approved for construction in 2012, consisting of the following: one (1) sifter, one (1) de-stoner, one (1) aspirator, one (1) hammermill, one (1) surge hopper, one (1) airlock hopper and material handling equipment that vents to a baghouse, identified as GEN-DC-01, for particulate control, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.
- (f) One (1) whole grain processing area, approved for construction in 2012, consisting of the following: one (1) conditioning screw vent, one (1) hammermill, one (1) sifter, one (1) surge hopper, one (1) airlock hopper, and material handling equipment that vents to a baghouse, identified as GEN-FN-01, for particulate control, with a maximum capacity of 2,000 pounds of corn per hour.
- (g) One (1) germ processing area, approved for construction in 2012, consisting of the following: one (1) gravity table, one (1) airlock hopper, and material handling equipment, venting to one (1) baghouse, identified as GEN-DC-01, for particulate control, with a maximum capacity of 9,000 pounds of corn per hour.

The following is a list of the modified emission units and associated pollution control devices, with deleted units and information appearing as ~~strikethrough~~ text and new emission units and information appearing as **bold** text:

- (h) One (1) feed loading and shipping operation, identified as Feed Load-out, **with a combined maximum capacity of 78,980 tons per year, which includes consisting of the following equipment:**
- (1) **Specialty feed material handling equipment, approved for construction in 2012, equipped with a baghouse, identified as TLF, for particulate control, exhausting to stack TLF, with a maximum capacity of 100,000 pounds of feed per hour;**
 - (2) **Three (3) storage silos, identified as SFD-SI-01, SFD-SI-02, and SFD-SI-03, approved for construction in 2012, equipped with a baghouse, identified as TLF, for particulate control, exhausting to stack TLF, with a maximum capacity of 140,000 pounds of feed storage capacity, each;**
 - (3) ~~the 2006~~ **Feed Load-out, constructed in 2006, equipped with two baghouses, identified as TLF and GSF, for particulate control, exhausting to stacks TLF and GSF, respectively, with a maximum capacity of 200,000 pounds of feed per hour;**
 - (4) **Rail Feed Loadout, constructed in 1983, with a maximum capacity of 100,000 pounds of feed per hour.**

~~Old Feed Load-out and Rail Feed Load-out with a combined maximum capacity of 78,980 tons per year. 2006 Feed Load-out was constructed in 2006, equipped with two (2) baghouses, identified as TLF and GSF, exhausting to Stacks TLF and GSF, respectively, capacity 200,000 pounds of feed per hour. Rail Feed Loadout was constructed in 1983 and has a capacity of 100,000 pounds of feed per hour.~~

The following is a list of the units removed from the permit:

- (a) One (1) receiving pit, identified as Line 1 Receiving, constructed in 1983, capacity: 112,000 pounds of corn per hour.
- (b) One (1) transfer operation, which includes storage, conveyors, legs, and vents, identified as Transfer Operation, constructed in 1983 and modified in 2001, capacity: 56,000 pounds of corn per hour.

Enforcement Issues

There are no pending enforcement actions related to this revision.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – 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.

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Line 2 Drying	8.50	8.50	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 1 Cooling	4.13	4.13	4.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 2 Cooling	3.68	3.68	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 1 Milling	17.30	17.30	17.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 2 Milling	10.74	10.74	10.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hammermill	0.68	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feed Conveying Operation	2.85	2.85	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feed Load-Out	0.72	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Food Grade Load-Out	9.70	3.27	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Insignificant Activities	3.46	1.37	1.37	0.09	11.11	0.30	4.62	7,475	0.10	0.10 (hexane)
Specialty Corn Receiving - Point	0.55	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Specialty Corn Receiving - Fugitive	11.04	3.62	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn Handling	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grain Sorting and Tempering Operation	0.54	0.54	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bran/Whole Grain/Germ Processing Areas	3.75	3.75	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total PTE of Proposed Revision	96.49 105.64	81.76 87.28	75.24 81.56	0.09	11.11	0.30	4.62	7,475	0.10	0.10 (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
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 ₂ e 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.										

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 to accommodate the Proposed Revision (tons/year)									
	PM	PM10*	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Truck Receiving - Point	2.03	0.67	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Truck Receiving - Fugitive	0.20	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cleaning	8.16	8.16	8.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 1 Drying	15.60	15.60	15.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 2 Drying	8.50	8.50	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 1 Cooling	4.13	4.13	4.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 2 Cooling	3.68	3.68	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 1 Milling	17.30	17.30	17.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Line 2 Milling	10.74	10.74	10.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hammermill	0.68	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feed Conveying Operation	2.85	2.85	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feed Load-Out	0.72	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Food Grade Load-Out	9.70	3.27	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Insignificant Activities	3.46	1.37	1.37	0.09	11.11	0.30	4.62	7,475	0.10	0.10 (hexane)
Specialty Corn Receiving - Point	0.55	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Specialty Corn Receiving - Fugitive	11.04	3.62	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn Handling	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grain Sorting and Tempering Operation	0.54	0.54	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bran/Whole Grain/Germ Processing Areas	3.75	3.75	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total PTE of Proposed Revision	105.64	87.28	81.56	0.09	11.11	0.30	4.62	7,475	0.10	0.10 (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
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 ₂ e 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) **FESOP 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).

In order to comply with the requirements of 326 IAC 2-8-4 (FESOP), the source shall comply with the following:

- (a) The total amount of corn received at the Truck Receiving shall be less than 225,680 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

PM10 emissions from Truck Receiving shall not exceed 0.0059 pounds per ton of grain received.

PM2.5 emissions from Truck Receiving shall not exceed 0.0059 pounds per ton of grain received.

- (b) The total amount of corn received at the Specialty Corn Receiving shall be less than 61,320 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

PM10 emissions from Specialty Corn Receiving shall not exceed 0.0059 pounds per tons of grain received.

PM2.5 emissions from Specialty Corn Receiving shall not exceed 0.0059 pounds per tons of grain received

- (c) In order to ensure that this source emits less than one hundred (100) tons per year of PM₁₀, the following hourly limits shall apply as specified below:

Facility	PM10 Limit (lbs/hour)	PM2.5 Limit (lbs/hour)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	0.25	0.25
Corn Handling Corn Handling Baghouse CVC-DC-01	0.46	0.46
Line 1 and Line 2 Cleaning Cleaninghouse Baghouse CH-1	1.74	1.74
Line 1 Drying Meal Dryer Cyclone, D-1 Grits Cyclone, D-2 Cones Cyclone, D-3 (ALL CONTROLLED BY CYCLONE D-8)	3.56	3.56
Line 2 Drying Meal Dryer Cyclone, D-4 Grits Dryer Cyclone, D-5 Cones Dryer Cyclone, D-6 (ALL CONTROLLED BY CYCLONE D-7)	1.94	1.94
Line 1 Cooling Meal Cooler Baghouse, C-1 Grits Cooler Baghouse, C-2	0.69 0.26	0.69 0.26
Line 2 Cooling Meal Cooler Baghouse, C-4 Grit Cooler Baghouse, C-5	0.28 0.56	0.28 0.56

Facility	PM10 Limit (lbs/hour)	PM2.5 Limit (lbs/hour)
Line 1 Milling		
Pneumatic Lift Baghouse, A plf	0.50	0.50
Pneumatic Lift Baghouse, B plf	0.26	0.26
Aspirator Baghouse, A/B asp	1.20	1.20
Cleaninghouse Baghouse, B asp	1.54	1.54
Feed Baghouse, A/B feed	0.45	0.45
Line 2 Milling		
Pneumatic Lift Baghouse, C plf & booster fan	0.57	0.57
General Aspiration Baghouse, C gs	0.94	0.94
Aspirator Baghouse, MVSA	0.94	0.94
Grain Sorting and Tempering Operation Baghouse CH-DC-02	0.12	0.12
Bran/Whole Grain Bran/Whole Grain Baghouse GEN-DC-01	0.86	0.86
Feed Conveying Operation Baghouse FC-1	0.65	0.65
Loading/Shipping and Hammermill		
Truck Loadout Baghouse (Feed), TLF	0.25	0.25
Truck Loadout Prime, TLP	1.06	1.06
General Suction Baghouse, GSF	0.15	0.15

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 total potential to emit of PM10 and PM2.5 to less than 100 tons per 12 consecutive month period, each, and shall render 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

(b) PSD Minor Source

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 (Prevention of Significant Deterioration (PSD)) not applicable, the source shall comply with the following:

- (a) The total amount of corn received at the Truck Receiving shall be less than 225,680 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

PM emissions from Truck Receiving shall not exceed 0.018 pounds per ton of grain received.

- (b) The total amount of corn received at the Specialty Corn Receiving shall be less than 61,320 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

PM emissions from Specialty Corn Receiving shall not exceed 0.018 pounds per ton of grain received.

- (c) In order to ensure that this source emits less than two hundred fifty (250) tons per year of PM, and less than one hundred (100) tons per year, the following hourly limits shall apply as specified below:

Facility	PM Limit (lbs/hour)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	0.25
Corn Handling Corn Handling Baghouse CVC-DC-01	0.46
Line 1 and Line 2 Cleaning Cleaninghouse Baghouse CH-1	1.74
Line 1 Drying Meal Dryer Cyclone, D-1 Grits Cyclone, D-2 Cones Cyclone, D-3 (ALL CONTROLLED BY CYCLONE D-8)	3.56
Line 2 Drying Meal Dryer Cyclone, D-4 Grits Dryer Cyclone, D-5 Cones Dryer Cyclone, D-6 (ALL CONTROLLED BY CYCLONE D-7)	1.94
Line 1 Cooling Meal Cooler Baghouse, C-1 Grits Cooler Baghouse, C-2	0.69 0.26
Line 2 Cooling Meal Cooler Baghouse, C-4 Grit Cooler Baghouse, C-5	0.28 0.56
Line 1 Milling Pneumatic Lift Baghouse, A plf Pneumatic Lift Baghouse, B plf Aspirator Baghouse, A/B asp Cleaninghouse Baghouse, B asp Feed Baghouse, A/B feed	0.50 0.26 1.20 1.54 0.45
Line 2 Milling Pneumatic Lift Baghouse, C plf & booster fan General Aspiration Baghouse, C gs Aspirator Baghouse, MVSA	0.57 0.94 0.94
Grain Sorting and Tempering Operation Baghouse CH-DC-02	0.12
Bran/Whole Grain Bran/Whole Grain Baghouse GEN-DC-01	0.86
Feed Conveying Operation Baghouse FC-1	0.65
Loading/Shipping and Hammermill Truck Loadout Baghouse (Feed), TLF Truck Loadout Prime, TLP General Suction Baghouse, GSF	0.25 1.06 0.15

Compliance with these limits, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide total potential to emit of PM to less than 250 tons per 12 consecutive month period and shall render 326 IAC 2-2 (Prevention of Significant Deterioration (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 for this proposed revision, since this source has a permanent storage capacity of less than 2.5 million bushels of grain.
- (b) 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)

- (c) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included for this proposed revision.
- (d) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Area Sources: Prepared Feeds Manufacturing, 40 CFR 63, Subpart DDDDDDD are not included in the permit, since this source is not considered a prepared feeds manufacturing facility as defined by 40 CFR 63.11627. This source does not primarily (greater than 50% of production) engage in manufacturing animal feed. This source primarily manufactures corn grits, corn meal, and corn flour for human consumption. This source also manufactures (secondarily) hominy feed which is used as an ingredient in high quality animal feed.

Compliance Assurance Monitoring (CAM)

- (e) 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 new and 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.
- (e) 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.

- (f) 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.
- (g) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
 Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.
- (h) 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)
 Due to this revision, the source is subject to the requirements of 326 IAC 6-5, because the source has potential fugitive particulate emissions greater than 25 tons per year. Pursuant to 326 IAC 6-5, fugitive particulate matter emissions shall be controlled according to the Fugitive Dust Control Plan, submitted on December 6, 1996.

Corn Handling Operations

- (j) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
 Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the corn receiving, handling and processing processes and equipment shall not exceed the pounds per hour listed in the table below when operating at the corresponding process weight rate.

Unit ID/ Process	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (lbs/hr)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	140	54.72
Truck Receiving (Baghouse RS-1)	280	62.22
Corn Handling (Baghouse CVC-DC-01)	84.0	49.54
Line 1 and Line 2 Cleaning (Baghouses CH-1)	28.0	38.23
Line 1 Drying (Stack D-8)	14.0	24.03
Line 2 Drying (Stack D-7)	14.0	24.03
Line 1 Cooling (Baghouses C-1 and C-2)	14.0 each	24.03 each
Line 2 Cooling (Baghouses C-4, and C-5)	14.0 each	24.03 each
Line 1 Milling (Baghouses A plf, B plf, A/B asp, B asp and A/B feed)	14.0 each	24.03 each

Line 2 Milling (Baghouses C plf & booster fan, C gs, MVSA)	14.0 each	24.03 each
Grain Sorting and Tempering Operation (Baghouse CH-DC-02)	28.0	38.23
Bran/Whole Grain/Germ Processing (Baghouse GEN-DC-01)	6.5	14.37
Feed Conveying Operation (Baghouse FC-1)	14.0	24.03
Food Grade Loading/Shipping (Baghouse TLP)	25.76	36.15
Feed Load-out and Hammermill (Baghouses TLF and GSF)	50 each	44.58 each
Fugitive Load-out Rail Feed Load-out	50	44.58

The pound per hour limitations were calculated with the following equations:

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

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

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:

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

The baghouses shall be in operation at all times the handling, milling, and transporting equipment listed above is in operation, in order to comply with these limits.

Compliance Determination, Monitoring and Testing Requirements

- (a) The compliance determination and monitoring requirements applicable to this proposed revision are as follows:

Emission Unit/Control	Operating Parameters	Frequency
Stacks SPC-FN-01, CVC-FN-01, CH-FN-02, RS-1, V-1, V-2, V-3, D-7, TLP, GSF, GEN-FN-01 and TLF	Visible Emissions Notations	Once per day
Cyclones D-1, D-2, D-3, D-4, D-5 and D-6 and baghouses P-1, SPC-DC-01, CVC-DC-01, CH-DC-02, FC-1, C-4, B asp, A plf, A/B asp, C gs, C-5, GEN-DC-01, GSF, TLF, C-1, B plf, C plf, RS-1, A/B feed, and C-2	Pressure Drop Readings	Once per day

Proposed Changes

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

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) receiving pit, identified as Line 1 Receiving, constructed in 1983, capacity: 112,000 pounds of corn per hour.~~
- (a) **One (1) truck receiving system, identified as Specialty Corn Receiving, approved for construction in 2012, with a maximum capacity of 280,000 pounds of grain products per hour, equipped with one (1) baghouse for particulate control, identified as SPC-DC-01, exhausting to stack SPC-FN-01, consisting of the following:**
- (1) **One (1) truck receiving hopper, identified as SPC-ME-01;**
 - (2) **One (1) drag conveyor, identified as SPC-CV-01;**
 - (3) **Transfer equipment; and**
 - (4) **One (1) elevator, identified as SPC-BE-01.**
- (b) One (1) truck receiving system, identified as RS-1, constructed in 2002, capacity 560,000 pounds of grain products per hour, consisting of the following:
- (1) One (1) receiving conveyor, identified as RC-1, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
 - (2) Three (3) receiving bins, identified as RSB-1, RSB-2, and RSB-3;
 - (3) One (1) transfer conveyor, identified as RC-2, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
 - (4) One (1) truck receiving pit, identified as RP, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
- (c) Three (3) storage bins, identified as M-1, M-2, and M-3, constructed in 1983, capacity: 120,000 pounds of grain products, each.
- (d) Fifteen (15) finished product storage bins, identified as 1-1 through 1-4, 2-1 through 2-4, 3-1 through 3-4, and 4-1 through 4-3, constructed in 1983, capacity: 50,000 pounds of grain products each. Finished product is transferred to the packaging operation. Packaging exhaust from the packaging operation is routed through a baghouse, identified as PDC, and exhausting to Stack PDC.
- (e) One (1) storage bin, identified as Temper, constructed in 1983, capacity: 20,000 pounds of grain products.
- (f) ~~Five (5)~~ **Six (6)** storage bins, identified as C-1, C-2, C-3, and C-4, constructed in 1983, ~~and C-5, constructed in 2001,~~ **and SPC-SI-06, approved for construction in 2012,** capacity: 560,000 pounds of corn, each.
- ~~(g) One (1) transfer operation, which includes storage, conveyors, legs, and vents, identified as Transfer Operation, constructed in 1983 and modified in 2004, capacity: 56,000 pounds of corn per hour.~~
- (g) **One (1) Corn Handling Operation, approved for construction in 2012, equipped with one (1) baghouse for particulate control, identified as CVC-DC-01, exhausting to stack CVC-FN-01, which includes:**
- (1) **One (1) specialty corn transfer operation, which includes a reclaim drag conveyor, reclaim elevator, and transfer equipment, with a maximum capacity**

of 128,000 pounds of corn per hour.

- (2) One (1) corn transfer operation that will be used for conventional and specialty corn, which includes conveyance equipment and a milling surge hopper, with a maximum capacity of 168,000 pounds of corn per hour.**
 - (3) Three (3) storage bins, identified as CVC-SI-04, CVC-SI-05, and CVC-SI-06, with a maximum capacity of 1,680,000 pounds of grain products, each.**
- (h) One (1) grain handling and cleaning operation, identified as Line 1 and 2 Cleaning, constructed in 1983 and modified in 2001, equipped with one (1) baghouses for particulate control. Baghouse CH-1 vents inside the Cleaning House, capacity: 56,000 pounds of corn per hour.
- (i) One (1) supplemental grain handling and cleaning operation, approved for construction in 2012, consisting of processing and handling equipment designed to clean, sort, warm and temper the corn, equipped with one (1) baghouse, identified as CH-DC-02, for particulate control exhausting to stack CH-FN-02, with a maximum capacity of 56,000 pounds of corn per hour.**
- ~~(j)~~ One (1) meal drying operation, identified as Line 1 Drying, constructed in 1983, equipped with three (3) rotary dryers, identified as Meal, Grits, and Cones Dryers and three (3) cyclones for particulate control, identified as D-1, D-2, and D-3, each initially exhausting to an additional cyclone, identified as D-8 which then exhausts to Stack D-8, capacity: 28,000 pounds of grain per hour.
- ~~(k)~~ One (1) meal drying operation, identified as Line 2 Drying, constructed in 2001, capacity 28,000 pounds of grain products per hour, consisting of the following:
- (1) One (1) meal rotary dryer, identified as D4, equipped with one (1) cyclone for particulate control, identified as D-4, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
 - (2) One (1) grits rotary dryer, identified as D5, equipped with one (1) cyclone for particulate control, identified as D-5, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
 - (3) One (1) flour rotary dryer, identified as D6, equipped with one (1) cyclone for particulate control, identified as D-6, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
- ~~(l)~~ One (1) cooling operation, identified as Line 1 Cooling, constructed in 1983, equipped with two (2) coolers, identified as Meal and Grits Coolers and two (2) baghouses for particulate control, identified as C-1 and C-2, initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of grain products per hour.
- ~~(m)~~ One (1) cooling operation, identified as Line 2 Cooling, constructed in 2001, equipped with two (2) coolers, identified as Meal and Grits Coolers and two (2) baghouses for particulate control, identified as C-4 and C-5, with C-4 and C-5 exhausting to Stacks C-4 and C-5 initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of grain products per hour.
- ~~(n)~~ One (1) milling line, identified as Line 1 Milling, constructed in 1983 with equipment upgrades in 1998, consisting of the following: one sifting operation, one grinding operation, and one aspiration operation equipped with five (5) baghouses for particulate

control, identified as A/B asp, A plf, B asp, B plf, and A/B feed, initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of corn per hour.

- (o)(n) One (1) milling line, identified as Line 2 Milling, constructed in 2001, capacity: 28,000 pounds of corn per hour, consisting of the following: three (3) roller mills, two (2) sifting operations, and eight (8) aspiration operations, equipped with three (3) baghouses for particulate control, identified as MVSA, C gs and C plf & booster fan, all initially exhausting inside the Milling Buildings, which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3)
- (p)(e) One (1) hammermill, constructed in 2001, equipped with a baghouse for particulate control, identified as GSF, exhausting to Stack GSF, capacity: 28,000 pounds of corn per hour.
- (q) **One (1) bran processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to separate bran from endosperm and to grain bran, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.**
- (r) **One (1) whole grain processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to condition and grind corn product streams, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.**
- (s) **One (1) germ processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to separate germ from endosperm, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 9,000 pounds of corn per hour.**
- (t)(p) One (1) feed conveying operation, constructed in 2001, equipped with a baghouse for particulate control, identified as FC-1, exhausting to Stack FC-1, initially exhausting inside the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of corn per hour.
- (u)(e) One (1) food grade product packaging, loading and shipping operation, identified as Food Grade Load-out, which includes the Truck Load-out, Rail Load-out and bagging operation, with a combined capacity of 225,680 tons per year. Truck Load-out was constructed in 1983, equipped with a baghouse, identified as TLP, exhausting to Stack TLP, capacity 51,520 pounds of grain products per hour. The bagging operation was constructed in 1983. Packaging exhaust is routed through a baghouse identified as PDC, which exhausts to Stack PDC. Rail Load-out was constructed in 1983, capacity 51,520 pounds of product per hour.
- (v)(f) One (1) feed loading and shipping operation, identified as Feed Load-out, **with a combined maximum capacity of 78,980 tons per year, which includes consisting of the following equipment:**
 - (1) **Specialty feed material handling equipment, approved for construction in 2012, equipped with a baghouse TLF, exhausting to stack TLF, with a maximum capacity of 100,000 pounds of feed per hour.**

- (2) **Three (3) storage silos, identified as SFD-SI-01, SFD-SI-02, and SFD-SI-03, approved for construction in 2012, equipped with baghouse TLF, exhausting to stack TLF, with a maximum capacity of 140,000 pounds of feed, each.**
- (3) **the 2006-Feed Load-out, constructed in 2006, equipped with two baghouses, identified as TLF and GSF, for particulate control, exhausting to stacks TLF and GSF, respectively, with a maximum capacity of 200,000 pounds of feed per hour;**
- (4) **Rail Feed Loadout, constructed in 1983, with a maximum capacity of 100,000 pounds of feed per hour.**

~~Old Feed Load out and Rail Feed Load-out with a combined maximum capacity of 78,980 tons per year. 2006 Feed Load-out was constructed in 2006, equipped with two (2) baghouses, identified as TLF and GSF, exhausting to Stacks TLF and GSF, respectively, capacity 200,000 pounds of feed per hour. Rail Feed Loadout was constructed in 1983 and has a capacity of 100,000 pounds of feed per hour.~~

...

SECTION D.1

EMISSIONS UNIT OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Dry Corn Milling Operation

- ~~(a) One (1) receiving pit, identified as Line 1 Receiving, constructed in 1983, capacity: 112,000 pounds of corn per hour.~~
- (a) **One (1) truck receiving system, identified as Specialty Corn Receiving, approved for construction in 2012, with a maximum capacity of 280,000 pounds of grain products per hour, equipped with one (1) baghouse for particulate control, identified as SPC-DC-01, exhausting to stack SPC-FN-01, consisting of the following:**
 - (1) **One (1) truck receiving hopper, identified as SPC-ME-01;**
 - (2) **One (1) drag conveyor, identified as SPC-CV-01;**
 - (3) **Transfer equipment; and**
 - (4) **One (1) elevator, identified as SPC-BE-01.**
- (b) One (1) truck receiving system, identified as RS-1, constructed in 2002, capacity 560,000 pounds of grain products per hour, consisting of the following:
 - (1) One (1) receiving conveyor, identified as RC-1, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
 - (2) Three (3) receiving bins, identified as RSB-1, RSB-2, and RSB-3;
 - (3) One (1) transfer conveyor, identified as RC-2, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
 - (4) One (1) truck receiving pit, identified as RP, equipped with one (1) baghouse for particulate control, identified as Baghouse RS-1, exhausting to Stack RS-1;
- (c) Three (3) storage bins, identified as M-1, M-2, and M-3, constructed in 1983, capacity: 120,000 pounds of grain products, each.

- (d) Fifteen (15) finished product storage bins, identified as 1-1 through 1-4, 2-1 through 2-4, 3-1 through 3-4, and 4-1 through 4-3, constructed in 1983, capacity: 50,000 pounds of grain products each. Finished product is transferred to the packaging operation. Packaging exhaust from the packaging operation is routed through a baghouse, identified as PDC, and exhausting to Stack PDC.
- (e) One (1) storage bin, identified as Temper, constructed in 1983, capacity: 20,000 pounds of grain products.
- (f) ~~Five (5)~~ **Six (6)** storage bins, identified as C-1, C-2, C-3, and C-4, constructed in 1983, and C-5, constructed in 2001, **and SPC-SI-06, approved for construction in 2012**, capacity: 560,000 pounds of corn, each.
- ~~(g) One (1) transfer operation, which includes storage, conveyors, legs, and vents, identified as Transfer Operation, constructed in 1983 and modified in 2001, capacity: 56,000 pounds of corn per hour.~~
- (g) One (1) Corn Handling Operation, approved for construction in 2012, equipped with one (1) baghouse for particulate control, identified as CVC-DC-01, exhausting to stack CVC-FN-01, which includes:**
 - (1) One (1) specialty corn transfer operation, which includes a reclaim drag conveyor, reclaim elevator, and transfer equipment, with a maximum capacity of 128,000 pounds of corn per hour.**
 - (2) One (1) corn transfer operation that will be used for conventional and specialty corn, which includes conveyance equipment and a milling surge hopper, with a maximum capacity of 168,000 pounds of corn per hour.**
 - (3) Three (3) storage bins, identified as CVC-SI-04, CVC-SI-05, and CVC-SI-06, with a maximum capacity of 1,680,000 pounds of grain products, each.**
- (h) One (1) grain handling and cleaning operation, identified as Line 1 and 2 Cleaning, constructed in 1983 and modified in 2001, equipped with one (1) baghouses for particulate control. Baghouse CH-1 vents inside the Cleaning House, capacity: 56,000 pounds of corn per hour.
- (i) One (1) supplemental grain handling and cleaning operation, approved for construction in 2012, designed to clean, sort, warm and temper the corn, equipped with one (1) baghouse, identified as CH-DC-02, for particulate control exhausting to stack CH-FN-02, with a maximum capacity of 56,000 pounds of corn per hour.**
- ~~(j)†~~ One (1) meal drying operation, identified as Line 1 Drying, constructed in 1983, equipped with three (3) rotary dryers, identified as Meal, Grits, and Cones Dryers and three (3) cyclones for particulate control, identified as D-1, D-2, and D-3, each initially exhausting to an additional cyclone, identified as D-8 which then exhausts to Stack D-8, capacity: 28,000 pounds of grain per hour.
- ~~(k)††~~ One (1) meal drying operation, identified as Line 2 Drying, constructed in 2001, capacity 28,000 pounds of grain products per hour, consisting of the following:
 - (1) One (1) meal rotary dryer, identified as D4, equipped with one (1) cyclone for particulate control, identified as D-4, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
 - (2) One (1) grits rotary dryer, identified as D5, equipped with one (1) cyclone for particulate

- control, identified as D-5, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
- (3) One (1) flour rotary dryer, identified as D6, equipped with one (1) cyclone for particulate control, identified as D-6, then exhausting to the cyclone identified as D-7, which then exhausts to Stack D-7.
- ~~(l)~~(k) One (1) cooling operation, identified as Line 1 Cooling, constructed in 1983, equipped with two (2) coolers, identified as Meal and Grits Coolers and two (2) baghouses for particulate control, identified as C-1 and C-2, initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of grain products per hour.
- ~~(m)~~(l) One (1) cooling operation, identified as Line 2 Cooling, constructed in 2001, equipped with two (2) coolers, identified as Meal and Grits Coolers and two (2) baghouses for particulate control, identified as C-4 and C-5, with C-4 and C-5 exhausting to Stacks C-4 and C-5 initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of grain products per hour.
- ~~(n)~~(m) One (1) milling line, identified as Line 1 Milling, constructed in 1983 with equipment upgrades in 1998, consisting of the following: one sifting operation, one grinding operation, and one aspiration operation equipped with five (5) baghouses for particulate control, identified as A/B asp, A plf, B asp, B plf, and A/B feed, initially exhausting to the Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of corn per hour.
- ~~(o)~~(n) One (1) milling line, identified as Line 2 Milling, constructed in 2001, capacity: 28,000 pounds of corn per hour, consisting of the following: three (3) roller mills, two (2) sifting operations, and eight (8) aspiration operations, equipped with three (3) baghouses for particulate control, identified as MVSA, C gs and C plf & booster fan, all initially exhausting inside the Milling Buildings, which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3)
- ~~(p)~~(o) One (1) hammermill, constructed in 2001, equipped with a baghouse for particulate control, identified as GSF, exhausting to Stack GSF, capacity: 28,000 pounds of corn per hour.
- (q) One (1) bran processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to separate bran from endosperm and to grain bran, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.**
- (r) One (1) whole grain processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to condition and grind corn product streams, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 2,000 pounds of corn per hour.**
- (s) One (1) germ processing area, approved for construction in 2012, consisting of processing and material handling equipment designed to separate germ from endosperm, that vents to a baghouse for particulate control, identified as GEN-DC-01, exhausting to stack GEN-FN-01, with a maximum capacity of 9,000 pounds of corn per hour.**
- ~~(t)~~(p) One (1) feed conveying operation, constructed in 2001, equipped with a baghouse for particulate control, identified as FC-1, exhausting to Stack FC-1, initially exhausting inside the

Milling Building which then exhausts to general building ventilation (Stacks V-1, V-2 and V-3), capacity: 28,000 pounds of corn per hour.

~~(u)(g)~~ One (1) food grade product packaging, loading and shipping operation, identified as Food Grade Load-out, which includes the Truck Load-out, Rail Load-out and bagging operation, with a combined capacity of 225,680 tons per year. Truck Load-out was constructed in 1983, equipped with a baghouse, identified as TLP, exhausting to Stack TLP, capacity 51,520 pounds of grain products per hour. The bagging operation was constructed in 1983. Packaging exhaust is routed through a baghouse identified as PDC, which exhausts to Stack PDC. Rail Load-out was constructed in 1983, capacity 51,520 pounds of product per hour.

~~(v)(f)~~ One (1) feed loading and shipping operation, identified as Feed Load-out, **with a combined maximum capacity of 78,980 tons per year, which includes consisting of the following equipment:**

- (1) **Specialty feed material handling equipment, approved for construction in 2012, equipped with a baghouse TLF, exhausting to stack TLF, with a maximum capacity of 100,000 pounds of feed per hour.**
- (2) **Three (3) storage silos, identified as SFD-SI-01, SFD-SI-02, and SFD-SI-03, approved for construction in 2012, equipped with baghouse TLF, exhausting to stack TLF, with a maximum capacity of 140,000 pounds of feed, each.**
- (3) ~~the 2006~~ **Feed Load-out, constructed in 2006, equipped with two baghouses, identified as TLF and GSF, for particulate control, exhausting to stacks TLF and GSF, respectively, with a maximum capacity of 200,000 pounds of feed per hour;**
- (4) **Rail Feed Loadout, constructed in 1983, with a maximum capacity of 100,000 pounds of feed per hour.**

~~Old Feed Load-out and Rail Feed Load-out with a combined maximum capacity of 78,980 tons per year. 2006 Feed Load-out was constructed in 2006, equipped with two (2) baghouses, identified as TLF and GSF, exhausting to Stacks TLF and GSF, respectively, capacity 200,000 pounds of feed per hour. Rail Feed Loadout was constructed in 1983 and has a capacity of 100,000 pounds of feed per hour.~~

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

D.1.1 FESOP and PSD Minor Limits [326 IAC 2-2] [326 IAC 2-8]

- (a) The total amount of corn received at the Truck Receiving shall be ~~limited to~~ less than 225,680 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
 - (1) PM emissions from Truck Receiving shall be ~~limited to~~ **not exceed** 0.018 pounds per ton of grain received.
 - (2) PM₁₀ emissions from Truck Receiving shall be ~~limited to~~ **not exceed** 0.0059 pounds per ton of grain received.
 - (3) **PM2.5 emissions from Truck Receiving shall not exceed 0.0059 pounds per ton of grain received.**
- (b) **The total amount of corn received at the Specialty Corn Receiving shall be less than 61,320 tons per twelve (12) consecutive month period, with compliance**

determined at the end of each month.

- (1) **PM emissions from Specialty Corn Receiving shall not exceed 0.018 pounds per ton of grain received.**
- (2) **PM10 emissions from Specialty Corn Receiving shall not exceed 0.0059 pounds per tons of grain received.**
- (3) **PM2.5 emissions from Specialty Corn Receiving shall not exceed 0.0059 pounds per ton of grain received.**

(c)(b) Pursuant to F 053-7235-00052, issued on July 8, 1998, and in order to ensure that this source emits less than two hundred fifty (250) tons per year of PM, and less than one hundred (100) tons per year of PM₁₀, the following hourly limits shall apply as specified below:

Facility	PM Limit (lbs/hour)	PM10 Limit (lbs/hour)	PM2.5 Limit (lbs/hour)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	0.25	0.25	0.25
Corn Handling Corn Handling Baghouse CVC-DC-01	0.46	0.46	0.46
Line 1 and Line 2 Cleaning Cleaninghouse Baghouse CH-1	3.49 1.74	3.49 1.74	1.74
Line 1 Drying Meal Dryer Cyclone, D-1 Grits Cyclone, D-2 Cones Cyclone, D-3 (ALL CONTROLLED BY CYCLONE D-8)	3.56	3.56	3.56
Line 2 Drying Meal Dryer Cyclone, D-4 Grits Dryer Cyclone, D-5 Cones Dryer Cyclone, D-6 (ALL CONTROLLED BY CYCLONE D-7)	1.94	1.94	1.94
Line 1 Cooling Meal Cooler Baghouse, C-1 Grits Cooler Baghouse, C-2	0.69 0.26	0.69 0.26	0.69 0.26
Line 2 Cooling Meal Cooler Baghouse, C-4 Grit Cooler Baghouse, C-5	0.56 0.28 0.56	0.56 0.28 0.56	0.28 0.56
Line 1 Milling Pneumatic Lift Baghouse, A plf Pneumatic Lift Baghouse, B plf Aspirator Baghouse, A/B asp Cleaninghouse Baghouse, B asp Feed Baghouse, A/B feed	0.50 0.26 1.20 1.54 0.45	0.50 0.26 1.20 1.54 0.45	0.50 0.26 1.20 1.54 0.45
Line 2 Milling Pneumatic Lift Baghouse, C plf & booster fan General Aspiration Baghouse, C gs Aspirator Baghouse, MVSA Feed Collection Baghouse, FC-1	0.57 0.94 1.88 0.94 0.65	0.57 0.94 1.88 0.94 0.65	0.57 0.94 0.94 0.94
Grain Sorting and Tempering Operation Baghouse CH-DC-02	0.12	0.12	0.12

Facility	PM Limit (lbs/hour)	PM10 Limit (lbs/hour)	PM2.5 Limit (lbs/hour)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	0.25	0.25	0.25
Corn Handling Corn Handling Baghouse CVC-DC-01	0.46	0.46	0.46
Bran/Whole Grain Bran/Whole Grain Baghouse GEN-DC-01	0.86	0.86	0.86
Feed Conveying Operation Baghouse FC-1	0.65	0.65	0.65
Loading/Shipping and Hammermill			
Truck Loadout Baghouse (Feed), TLF	0.25	0.25	0.25
Truck Loadout Prime, TLP	1.06	1.06	1.06
General Suction Baghouse, GSF	0.15	0.15	0.15

Compliance with the above limits, combined with the potential to emit PM and PM10, and PM2.5 from other emission units at the source, shall limit the PM and PM10, and PM2.5 emissions from the entire source to less than 250 tons, **100 tons**, and 100 tons per twelve (12) consecutive month period, respectively, and shall render 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 326 IAC 2-7 (Part 70) not applicable.

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

Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from each of the facilities listed in the following table shall not exceed the pound per hour value when operating at the specified process weight rate:

Unit ID/ Process	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (lbs/hr)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	140	54.72
Line 1 Receiving (fugitive)	56	45.64
Truck Receiving (Baghouse RS-1)	280	62.22
Transfer Operations (fugitive)	28.0	38.23
Corn Handling (Baghouse CVC-DC-01)	84.0	49.54
Line 1 and Line 2 Cleaning (Baghouse CH-1)	28.0	38.23
Line 1 Drying (Stack D-8)	14.0	24.023
Line 2 Drying (Stack D-7)	14.0	24.023
Line 1 Cooling (Baghouses C-1 and C-2)	14.0 each	24.023 each
Line 2 Cooling (Baghouses C-4, and C-5)	14.0 each	24.023 each
Line 1 Milling (Baghouses A plf, B plf, A/B asp, B asp and A/B feed)	14.0 each	24.023 each
Line 2 Milling (Baghouses C plf & booster fan, C gs, and MVSA, and FC-4)	14.0 each	24.023 each

Unit ID/ Process	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (lbs/hr)
Specialty Corn Receiving Specialty Corn Baghouse SPC-DC-01	140	54.72
Grain Sorting and Tempering Operation (Baghouse CH-DC-02)	28.0	38.23
Bran/Whole Grain (Baghouse GEN-DC-01)	6.5	14.37
Feed Conveying Operation (Baghouse FC-1)	14.0	24.03
Food Grade Loading and Shipping (Baghouse TLF, TLP, and GSF)	25.76	36.15
Feed Load-out and Hammermill (Baghouses TLF and GSF)	50 each	44.58 each
Fugitive Load-out Rail Feed Load-out and Old Feed Load-out	50	44.578

...

D.1.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

D.1.4 Particulate Control ~~[326 IAC 2-7-6(6)]~~

(a) ~~Pursuant to FESOP 053-7235-00052, issued on July 8, 1998, and in order to comply with Conditions D.1.1 and D.1.2, the control equipment for particulate control shall be in operation and control emissions from the facilities at all times that the facilities are in operation.~~

...

D.1.5 Visible Emissions Notations

(a) Visible emission notations of Stacks **SPC-FN-01, CVC-FN-01, CH-FN-02** RS-1, V-1, V-2, V-3, D-8, D-7, TLP, GSF, **GEN-FN-01**, and TLF 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**. Section C - Response to Excursions or Exceedances contains the Permittee’s obligation with regard to the reasonable response steps required by this condition. ~~An abnormal visible emission notation is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit~~

D.1.6 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) The Permittee shall record the pressure drop across the control devices used in conjunction with the dry corn milling operation at least once per day when the associated processes are in operation.

(1) When, for any one reading, the pressure drop across baghouse P-1 is outside of the normal range, **the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between of 1.0 and 6.0 inches of water unless a different upper-bound or lower-bound value for this range is determined or a range established during the latest stack test, the Permittee shall take reasonable response steps.** Section C - Response to Excursions or

Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. **A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.**

- (2) When for any one reading, the pressure drop across baghouse MVSA is outside of the normal range, **the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between ~~of~~ 4.0 and 10.0 inches of water unless a different upper-bound or lower-bound value for this range is determined or range established during the latest stack test., the Permittee shall take reasonable response steps.** **Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.**
- (3) When for any one reading, the pressure drop across cyclone D-1 or baghouses **SPC-DC-01, CVC-DC-01, CH-DC-02, FC-1, C-4, CH-1, B asp, A plf, A/B asp, C gs, C-5 or GEN-DC-01,** is outside of the normal range, **the Permittee shall take a reasonable response. The normal range for these units is a pressure drop between ~~of~~ 2.0 and 8.0 inches of water unless a different upper-bound or lower-bound value for this range is determined or a range established during the latest stack test., the Permittee shall take reasonable response steps.** **Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.**
- (4) When for any one reading, the pressure drop across cyclones D-2, D-4, D-5, and D-6, or baghouses GSF, TLF, C-1, B plf or C plf & booster fan is outside of the normal range, **the Permittee shall take a reasonable response. The normal range for these units is a pressure drop between ~~of~~ 1.0 and 4.0 inches of water unless a different upper-bound or lower-bound value for this range is determined or a range established during the latest stack test., the Permittee shall take reasonable response steps.** **Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.**
- (5) When for any one reading, the pressure drop across cyclone D-3 and baghouses RS-1, A/B feed, or C-2 is outside of the normal range, **the Permittee shall take a reasonable response. The normal range for these units is a pressure drop between ~~of~~ 1.0 and 6.0 inches of water unless a different upper-bound or lower-bound value for this range is determined or a range established during the latest stack test., the Permittee shall take reasonable response steps.** **Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.**

...

D.1.9 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.5, the Permittee shall maintain a daily record of visible emission notations of the process stack exhausts (Stacks **SPC-FN-01, CVC-FN-01, CH-FN-02**, RS-1, V-1, V-2, V-3, D-8, D-7, TLP, GSF, **GEN-FN-01**, and TLF). 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 milling operation did not operate that day).

...

D.1.10 Reporting Requirements

Quarterly summaries of the information to document compliance with Conditions D.1.1(a) and **D.1.1(b)** shall be submitted not 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 reports 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: Agricor, Inc.
Source Address: 1626 South Joaquin Drive, Marion, Indiana 46952
FESOP No.: F 053-16206-00052
Facility: Specialty Corn Receiving
Parameter: Tons of corn received
Limit: Less than 61.32 tons per twelve (12) consecutive month period, with compliance determined at the end of each month

QUARTER: _____ **YEAR:** _____

Month	Tons of Corn Received	Tons of Corn Received	Tons of Corn Received
	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: _____

...

- (b) Upon further review, IDEM, OAQ has decided to make the following changes to the permit. Deleted language appears as ~~strikethrough~~ text and new language appears as **bold** text:
- (1) On October 27, 2010, the Indiana Air Pollution Control Board issued revisions to 326 IAC 2. These revisions resulted in changes to the rule sites listed in the permit. These changes are not changes to the underlining provisions. The change is only to site of these rules in Section B - Operational Flexibility. IDEM, OAQ has clarified the rule sites for the Preventive Maintenance Plan.
 - (2) IDEM, OAQ has clarified the Permittee's responsibility with regards to record keeping.
 - (3) IDEM, OAQ has clarified the interaction of the Quarterly Deviation and Compliance Monitoring Report and the Emergency Provisions.
 - (4) IDEM, OAQ has updated the Visible Emissions Notations requirements.

~~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(b)] [326 IAC 2-1.1-9.5] [IC 13-15-3-6(a)]~~

- (a) ~~This permit, F053-16206-00052, 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] [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:~~

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

~~—— (ii) — 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. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:~~

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

~~(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)] [326 IAC 2-8-5(a)(1)]

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

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

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

~~B.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 within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;~~

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

~~(5) For each emergency lasting one (1) hour or more, the Permittee submitted the~~

~~attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:~~

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

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

~~The notice fulfills the requirement of 326 IAC 2-8-4(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 F 053-16206-00052 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 — 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.16 — 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 46204-2254~~

- (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.17 — 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 46204-2254~~

~~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.18 — 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2254~~

~~and~~

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

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

- ~~(5) — The Permittee maintains records on-site, 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.19 — Source Modification Requirement [326 IAC 2-8-11.1]~~

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

~~B.20 — 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.21 — 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 46204-2254~~

~~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.22 — 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.23 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 one hundred (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. This limitation shall also make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable;~~

~~(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) 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 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 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]~~

~~Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the plan submitted on December 6, 1996. The plan consists of:~~

- (a) ~~Wet suppression of dust from unpaved roadways on an as needed basis.~~
- (b) ~~Keeping the truck speed within five (5) miles per hour by posting speed limit sign.~~

~~C.8 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.9 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]~~

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

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

- ~~(1) When the amount of affected asbestos-containing material increases or decreases by at least twenty percent (20%); or~~
- ~~(2) If there is a change in the following:
 - ~~(A) Asbestos removal or demolition start date;~~
 - ~~(B) Removal or demolition contractor; or~~
 - ~~(C) Waste disposal site.~~~~
- ~~(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).~~
- ~~(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).~~

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

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

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

- ~~(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(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.10 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 46204-2254

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

- (b) ~~The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a 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.11 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.12 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 Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial start-up, whichever is later, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:~~

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

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

~~The notification which shall be submitted by the Permittee does 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.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.~~
- ~~(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 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]~~

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

- ~~(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on October 7, 1998.~~
- ~~(b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]~~

~~C.15 Risk Management Plan [326 IAC 2-8-4] [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.16 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 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;~~

- ~~(3) — inspection of the control device, associated capture system, and the process.~~
- ~~(d) — Failure to take reasonable response steps shall be considered a deviation from the permit.~~
- ~~(e) — The Permittee shall record the reasonable response steps taken.~~

~~C.17 — Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4] [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 these 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.18 — 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, 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.19 — 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 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 no 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) ~~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

~~G.20 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 applicable standards for recycling and emissions reduction:~~

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, F053-16206-00052, 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] [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. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

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

- (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.

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

The Permittee shall implement the PMPs.

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

and repairing emission control devices;

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

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

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

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

The Permittee shall implement the PMPs.

- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.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, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;**

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

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

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

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

The notice fulfills the requirement of 326 IAC 2-8-4(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 F053-16206-00052 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 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.16 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.17 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.18 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.19 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.20 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.21 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.22 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.23 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 CO₂ equivalent emissions (CO₂e) 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 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the Fugitive Dust Control Plan submitted on December 6, 1996. The plan consists of:

- (a) Wet suppression of dust from unpaved roadways on an as needed basis.
- (b) Keeping the truck speed within five (5) miles per hour by posting speed limit sign.

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 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 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.14 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.15 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.16 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:
 - (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:
 - (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.17 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) 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.18 Compliance with 40 CFR 82 and 326 IAC 22-1

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

D.1.5 Visible Emissions Notations

...

- (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. An abnormal visible emission notation is not a deviation from this permit.** Failure to take response steps shall be considered a deviation from this permit.

...

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

FESOP Quarterly Report

Source Name: Agricor, Inc.
Source Address: 1626 South Joaquin Drive, Marion, Indiana 46952
FESOP No.: F 053-16206-00052
Facility: Truck Receiving
Parameter: Tons of corn received
Limit: Less than 225,680 tons per twelve (12) consecutive month period, with compliance determined at the end of each month

QUARTER: _____ YEAR: _____

Month	Tons of Corn Received	Tons of Corn Received	Tons of Corn Received
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

...

FESOP QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT FORM:

...

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".

...

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 March 26, 2012.

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Significant Permit Revision No. 053-31666-00052. The staff recommends to the Commissioner that this FESOP Significant Permit Revision be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Summer Keown 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) 234-5175 or toll free at 1-800-451-6027 extension 4-5175.
- (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

**Appendix A: Emissions Calculations
Summary**

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

Potential to Emit Before Controls (tons per year)

	Process	PM	PM10	PM2.5	SO ₂	NOx	VOC	CO	GHG as CO ₂ e	Total HAPs	Single Highest HAP
Existing Units	Truck Receiving RS1 - Point	220.75	72.36	12.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Truck Receiving RS1 - Fugitive	22.08	7.24	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Cleaning	91.98	23.30	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Line 1 Drying (3 Rotary Dryers)	183.96	45.99	7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Line 2 Drying (3 Rotary Dryers)	183.96	45.99	7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Line 1 Cooling (3 Coolers)	110.38	67.45	67.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Line 2 Cooling (3 Coolers)	110.38	67.45	67.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Line 1 Milling	4292.40	2146.20	2146.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Line 2 Milling	4292.40	2146.20	2146.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Hammermill	73.58	73.58	73.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Feed Conveying Operation	3.74	2.08	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Food Grade Load-out*	9.70	3.27	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
Modified Units	Insignificant Activities (Boilers, Unpaved Roads)**	3.46	1.37	1.37	0.09	11.11	0.30	4.62	7,475	0.10	0.10 hexane
	Feed Load-out	0.13	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
New Units	Specialty Corn Receiving - Point	110.38	36.18	6.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Specialty Corn Receiving - Fugitive	11.04	3.62	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Corn Handling (Includes Storage, Legs, Conveyors and Vents)	22.44	12.51	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Grain Sorting and Tempering Operation	7.48	4.17	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Bran Processing Area	5.26	5.26	5.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Whole Grain Processing Area	5.26	5.26	5.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Germ Processing Area	1.48	0.37	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
Removed Units	Transfer Operation (Includes Storage, Legs, Conveyors and Vents)	7.48	4.17	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
	Line 1 Receiving	1.26	0.41	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00 --
Increase in Potential Emissions from New Units		163.33	71.94	20.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net Increase in Potential Emissions		154.59	62.78	19.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Potential Emissions		9762.94	4770.06	4556.89	0.09	11.11	0.30	4.62	7,474.72	0.10	0.10 hexane

* Worst case for Food Grade Load-out between controlled truck and uncontrolled rail

** Worst case for Boilers between using natural gas or using propane as backup

**Appendix A: Emissions Calculations
Summary**

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

Potential to Emit After Limits (tons per year)

	Process	PM	PM10	PM2.5	SO ₂	NOx	VOC	CO	GHG as CO ₂ e	Total HAPs	Single Highest HAP	
Existing Units	Truck Receiving RS1 - Point	2.03	0.67	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Truck Receiving RS1 - Fugitive	0.20	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Cleaning	8.16	8.16	8.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Line 1 Drying (3 Rotary Dryers)	15.60	15.60	15.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Line 2 Drying (3 Rotary Dryers)	8.50	8.50	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Line 1 Cooling (3 Coolers)	4.13	4.13	4.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Line 2 Cooling (3 Coolers)	3.68	3.68	3.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Line 1 Milling	17.30	17.30	17.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Line 2 Milling	10.74	10.74	10.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Hammermill	0.68	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Feed Conveying Operation	2.85	2.85	2.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Food Grade Load-out*	9.70	3.27	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Insignificant Activities (Boilers, Unpaved Roads)**	3.46	1.37	1.37	0.09	11.11	0.30	4.62	7475	0.10	0.10	hexane
Modified Units	Feed Load-out	0.72	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
New Units	Specialty Corn Receiving - Point	0.55	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Specialty Corn Receiving - Fugitive	11.04	3.62	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Corn Handling (Includes Storage, Legs, Conveyors and Vents)	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Grain Sorting and Tempering Operator	0.54	0.54	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Bran/Whole Grain/Germ Processing Areas	3.75	3.75	3.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
Removed Units	Transfer Operation (Includes Storage, Legs, Conveyors and Vents)	7.48	4.17	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
	Line 1 Receiving	1.26	0.41	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
Increase in Potential Emissions from New Units		17.89	10.10	7.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Net Increase in Potential Emissions		9.15	5.52	6.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Potential Emissions		105.64	87.28	81.56	0.09	11.11	0.30	4.62	7,475	0.10	0.10	hexane

* Worst case for Food Grade Load-out between controlled truck and uncontrolled rail

** Worst case for Boilers between using natural gas or using propane as backup

**Appendix A: Emissions Calculations
Unlimited Grain Processing**

Company Name: Agrico, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

Process	Unlimited Throughput (lbs/hr)	Unlimited Throughput (tons/yr)	Uncontrolled Emission Factor (lb/ton)*			Uncontrolled PM Emissions (lbs/hr)	Controlled PM Emissions (lbs/hr)	Potential to Emit Before Controls (tons/yr)			Capture Efficiency (%)	Control Efficiency (%)	Control Device	Potential to Emit After Controls (tons/yr)			Potential Uncaptured Emissions (tons/yr)			
			PM	PM10	PM2.5			PM	PM10	PM2.5				PM	PM10	PM2.5	PM	PM10	PM2.5	
Truck Receiving System RS-1 (3-02-005-51)	560,000	2,452,800	0.18	0.059	0.010	50.40	5.09	220.75	72.358	12.264	90.00%	99.90%	Baghouse RS-1	22.27	7.30	1.24	22.08	7.24	1.23	
Line 1 and 2 Cleaning (3-02-005-03)	56,000	245,280	0.75	0.19	0.032	21.00	0.021	91.98	23.302	3.924	100%	99.90%	Baghouse CH-1	0.092	0.023	0.004	--	--	--	
Line 1 Drying (3 Rotary Dryers) (3-02-005-28)	28,000	122,640	3.00	0.750	0.130	42.00	2.1	183.96	45.99	7.97	100%	95.00%	Cyclones D-1, D-2, D-3, and D-4	9.20	2.30	0.399	--	--	--	
Line 2 Drying (3 Rotary Dryers) (3-02-005-28)	28,000	122,640	3.00	0.750	0.130	42.00	2.1	183.96	45.99	7.97	100%	95.00%	Cyclones D-4, D-5, D-6, and D-7	9.20	2.30	0.399	--	--	--	
Line 1 Cooling (3 Coolers) (3-02-007-90)*	28,000	122,640	1.80	1.10	1.10	25.20	0.03	110.38	67.45	67.45	100%	99.90%	Baghouses C-1 and C-2	0.110	0.067	0.067	--	--	--	
Line 2 Cooling (3 Coolers) (3-02-007-90)*	28,000	122,640	1.80	1.10	1.10	25.20	0.03	110.38	67.45	67.45	100%	99.90%	Baghouses C-4 and C-5	0.110	0.067	0.067	--	--	--	
Line 1 Milling (3-02-007-34)	28,000	122,640	70.00	35.00	35.00	980.00	0.98	4,292.40	2,146.20	2,146.20	100%	99.90%	5 Baghouses A/B asp, A pif, B asp, B pif, and A/B feed	4.29	2.15	2.15	--	--	--	
Line 2 Milling SCC (3-02-007-34)	28,000	122,640	70.00	35.00	35.00	980.00	0.98	4,292.40	2,146.20	2,146.20	100%	99.90%	3 Baghouses MVSA, C as, and C pif	4.29	2.15	2.15	--	--	--	
Hammermill SCC (3-02-008-17)***	28,000	122,640	1.2	1.2	1.2	16.80	0.0168	73.58	73.58	73.58	100%	99.90%	Baghouse GSF	0.074	0.074	0.074	--	--	--	
Feed Conveying Operation	28,000	122,640	0.061	0.034	0.0058	0.85	0.0009	3.74	2.08	0.36	100%	99.90%	Baghouse FC-1	0.004	0.002	0.000	--	--	--	
Food Grade Load-out Operation (Rail Load-out) (these calculations demonstrate uncontrolled Rail Load-out calculations) SCC 3-02-005-62	51,520	225,658	0.027	0.0022	0.00037	0.70	0.70	3.05	0.25	0.04	--	0.00%	no control on Rail Loadout	3.05	0.25	0.042				
Food Grade Load-out Operation (Truck Load-out) (these calculations show emissions as controlled by TLP) SCC 3-02-005-60	51,520	225,658	0.086	0.0290	0.00490	2.22	0.0022	9.70	3.27	0.55	100%	99.90%	Baghouse TLP	0.010	0.003	0.001				
Food Grade Load-out Operation (Bagging Operation) SCC 3-02-008-03	51,520	225,658	0.0033	0.0008	0.0008	0.09	0.0001	0.37	0.09	0.09	100%	99.90%	Baghouse PDC	0.0004	0.0001	0.0001				
Worst Case Food Grade Load-out						2.22	0.70	9.70	3.27	0.55				3.05	0.25	0.04				
Modified Units	Feed Load-out Operation (Material Handling, Feed Load-out or Rail Feed Load-out) SCC 3-02-008-03 (Worst Case)	100,000	438,000	0.0033	0.0008	0.0008	0.17	0.17	0.72	0.18	0.18	--	0.00%	- Material Handling controlled by Baghouse TLF - Feed Load-out controlled by Baghouses TLF and GSF - No control on Rail Feed Loadout	0.72	0.18	0.175			
New Units	Truck Receiving - Specialty Corn Receiving (3-02-005-51)	280,000	1,226,400	0.18	0.059	0.010	25.20	2.5427	110.38	36.18	6.13	90.00%	99.90%	Baghouse SPC-DC-01	11.14	3.65	0.62	11.04	3.62	0.61
	Corn Handling Operator	168,000	735,840	0.061	0.034	0.0058	5.12	0.0051	22.44	12.51	2.13	100%	99.90%	Baghouse CVC-DC-01	0.022	0.013	0.002			
	Grain Sorting and Tempering Operation (3-02-005-3)	56,000	245,280	0.061	0.034	0.0058	1.71	0.0017	7.48	4.17	0.71	100%	99.90%	Baghouse CH-DC-02	0.007	0.004	0.001			
	Bran Milling SCC(3-02-009-17)***	2,000	8,760	1.2	1.2	1.2	1.20	0.0012	5.26	5.26	100%	99.90%	Baghouse GEN-DC-01	0.005	0.005	0.005				
	Whole Grain Milling SCC (3-02-008-17)***	2,000	8,760	1.2	1.2	1.2	1.20	0.0012	5.26	5.26	100%	99.90%	Baghouse GEN-DC-01	0.005	0.005	0.005				
	Germ Separation SCC (3-02-007-34)	9,000	39,420	0.075	0.019	0.0032	0.34	0.0003	1.48	0.37	0.06	100%	99.90%	Baghouse GEN-DC-01	0.001	0.000	0.000			

Methodology

*Emission Factors are from AP42 Chapter 9.9.1 Grain Elevators And Processes Tables 9.9.1-1 and 9.9.1-2. Uncontrolled grain cleaning emission factors were back calculated assuming a control efficiency of 51%
 **Emission Factors are from AIRS emission factors listing SCC# 3-02-007-90 (for soybean meal cooler - uncontrolled)
 ***Emission Factors for milling are from AP42 Chapter 9.9.1 Grain Elevators And Processes Tables 9.9.1-1 and 9.9.1-2. Uncontrolled grain milling emission factors were back calculated assuming a control efficiency of 99%. PM10 and PM2.5 emissions assumed equal to PM emit
 Potential to Emit Before Controls (tons/yr) = [Unlimited Throughput (tons/year)] * [Emission Factor (lb/ton)] * [1 ton/2000]
 Potential to Emit After Controls (tons/yr) = [Potential to Emit Before Controls (tons/yr)] * [1 - (Capture Efficiency)*(Control Efficiency)]
 Potential Uncaptured Emissions (tons/yr) = [Potential to Emit Before Controls (tons/yr)] * [1 - (Capture Efficiency)]
 The hourly capacity for Truck Receiving, based on conveyor capacity, is 10,000 bushels per hour (560,000 pounds per hour or 280 tons per hr)
 Processing equipment upstream from Feed Load-out operations has 18,032 lb/hour capacity. If feed is being loaded through the 2006 Feed Load-out it would be controlled by TLF. Only uncontrolled emissions shown here to demonstrate worst
 Processing equipment upstream from Feed Load-out operations has 51,520 lb/hour capacity. Chose worst case scenario for Food Grade Load-out for calculating total potential emits

**Appendix A: Emissions Calculations
Limited Grain Processing**

Company Name: Agricolor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

Limited Hourly Emissions	Unlimited Throughput (lbs/hr)	Emission Limit (lb/ton)*			Limited Potential to Emit (lbs/hr)			Capture Efficiency (%)	Control Efficiency (%)	Control Device	Limited Uncaptured Emissions (lbs/hr)		
		PM	PM10	PM2.5	PM	PM10	PM2.5				PM	PM10	PM2.5
Truck Receiving System RS-1 (3-02-005-51)	560,000	0.018	0.0059	0.0059	5.04	1.65	1.65	90.00%	99.90%	Baghouse RS-1	0.50	0.17	0.17
Truck Receiving - Specialty Corn Receiving (3-02-005-51)	Note: See page 5 of 12 for Hourly Limit Calculation				0.25	0.25	0.25	90.00%	99.90%	Baghouse SPC-DC-01	0.03	0.03	0.03

Limited Annual Emissions	Limited Throughput (tons/yr)	Emission Limit (lb/ton)*			Limited Potential to Emit (tons/yr)			Capture Efficiency (%)	Control Efficiency (%)	Control Device	Limited Uncaptured Emissions (tons/yr)		
		PM	PM10	PM2.5	PM	PM10	PM2.5				PM	PM10	PM2.5
Truck Receiving System RS-1 (3-02-005-51)	225,680	0.018	0.0059	0.0059	2.03	0.666	0.666	90.00%	99.90%	Baghouse RS-1	0.20	0.07	0.07
Truck Receiving - Specialty Corn Receiving (3-02-005-51)	61,320	0.018	0.0059	0.0059	0.55	0.18	0.18	90.00%	99.90%	Baghouse SPC-DC-01	0.06	0.02	0.02

Methodology

Limited Potential to Emit (lbs/hr) = [Unlimited Throughput (lbs/hr)] * [Emission Limit (lb/ton)] * [1 ton/2000 lbs]
 Limited Uncaptured Emissions (lbs/hr) = [Limited Potential to Emit (lbs/hr)] * [1 - (Capture Efficiency)]

Limited Potential to Emit (tons/yr) = [Unlimited Throughput (tons/yr)] * [Emission Limit (lb/ton)] * [1 ton/2000 lbs]
 Limited Uncaptured Emissions (tons/yr) = [Limited Potential to Emit (tons/yr)] * [1 - (Capture Efficiency)]

**Emissions Calculations Summary
Grain Processing - Hourly Limits**

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 4695:
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

Hourly Limits

Facility	Air Flow Rate (cfm)	Outlet Grain Loading (grains/dscf)*	PM Limit (lbs/hr)*	PM10 Limit (lbs/hr)*	PM2.5 Limit (lbs/hr)*	Limited PTE of PM (tons/yr)*	Limited PTE of PM10 (tons/yr)*	Limited PTE of PM2.5 (tons/yr)*
Line 1 and Line 2 Cleaning								
Cleaninghouse Baghouse CH-	20,340	0.01	1.74	1.74	1.74	7.64	7.64	7.64
Cleaninghouse Baghouse CH-DC-0:			0.12	0.12	0.12	0.53	0.53	0.53
Line 1 Drying								
Meal Dryer Cyclone, D-1								
Grits Cyclone, D-2								
Cones Dryer Cyclone, D-3								
(All Controlled by Cyclone D-8)	4,034	0.103	3.56	3.56	3.56	15.60	15.60	15.60
Line 2 Drying								
Meal Dryer Cyclone, D-4								
Grits Cyclone, D-5								
Flour Dryer Cyclone, D-6								
(All Controlled by Cyclone D-7)	5,520	0.041	1.94	1.94	1.94	8.50	8.50	8.50
Line 1 Cooling								
Meal Cooler Baghouse, C-1	4,000	0.02	0.69	0.69	0.69	3.00	3.00	3.00
Grit Cooler Baghouse, C-2	1,500	0.02	0.26	0.26	0.26	1.13	1.13	1.13
Line 2 Cooling								
Meal Cooler Baghouse, C-4	3,270	0.01	0.28	0.28	0.28	1.23	1.23	1.23
Grit Cooler Baghouse, C-5	3,270	0.02	0.56	0.56	0.56	2.46	2.46	2.46
Line 1 Milling								
Pneumatic Lift Baghouse, A plf	2,940	0.02	0.50	0.50	0.50	2.21	2.21	2.21
Pneumatic Lift Baghouse, B plf	1,500	0.02	0.26	0.26	0.26	1.13	1.13	1.13
Aspirator Baghouse, A/B Asp	7,000	0.02	1.20	1.20	1.20	5.26	5.26	5.26
Cleaninghouse Baghouse, B asf	9,000	0.02	1.54	1.54	1.54	6.76	6.76	6.76
Feed Baghouse, A/B feed	2,600	0.02	0.45	0.45	0.45	1.95	1.95	1.95
Line 2 Milling								
Pneumatic Lift Baghouse, C plf & Booster Far	3,300	0.02	0.57	0.57	0.57	2.48	2.48	2.48
General Aspiration Baghouse, C gs	5,500	0.02	0.94	0.94	0.94	4.13	4.13	4.13
Aspirator Baghouse, MVSA	11,000	0.01	0.94	0.94	0.94	4.13	4.13	4.13
Feed Conveying Baghouse, FC-	3,800	0.02	0.65	0.65	0.65	2.85	2.85	2.85
Loading/Shipping								
Truck Loadout Baghouse Filter, (TLF)	1,450	0.02	0.25	0.25	0.25	1.09	1.09	1.09
Truck Loadout (Prime), TLF	6,200	0.02	1.06	1.06	1.06	4.66	4.66	4.66
General Suction Baghouse, GSF	900	0.02	0.15	0.15	0.15	0.68	0.68	0.68
New Units								
Truck Receiving - Specialty Corn Receiving - Baghouse SPC-DC-01	5,750	0.005	0.25	0.25	0.25	0.55	0.18	0.18
						Note: See page 4 of 12 for Limited PTE (tons/yr)		
Corn Handling Operation - Baghouse CVC-DC-0'	10,650	0.005	0.46	0.46	0.46	2.00	2.00	2.00
Grain Handling and Cleaning - Baghouse CH-DC-02	2,900	0.005	0.12	0.12	0.12	0.54	0.54	0.54
Bran/Whole Grain								
Bran/Whole Grain Baghouse, GEN-DC-01	20,000	0.005	0.86	0.86	0.86	3.75	3.75	3.75
Totals			19.35	19.35	19.35	84.23	83.86	83.86

Methodology

*PM, PM10, and PM2.5 emissions assumed equal
 Limit (lbs/hour) = [Air Flow Rate (cfm)] * [Outlet Grain Loading (grains/dscf)] * [60 min/hour] * [lb/7000 grain]
 Limited PTE (tons/year) = [Limit (lbs/hr)] * [8760 hours/year] * [ton/2000 lb]

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Small Industrial Boilers**

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

		<u><i>Emission Unit</i></u>	<u><i>MMBtu/hr Rating</i></u>
		B1	1.67
		B2	4.18
		B3	6.70
		Total:	12.55
Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr		
12.55	110		

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.90	7.60	0.600	100 **see below	5.50	84.0
Potential Emission in tons/yr	0.104	0.418	0.033	5.50	0.302	4.62

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

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

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 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See page 6 for HAPs emissions calculations.

Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Small Industrial Boiler
HAPs Emissions

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

HAPs - Organics					
Emission Factor in lb/MMcf	Benzene 0.00210	Dichlorobenzene 0.00120	Formaldehyde 0.07500	Hexane 1.80000	Toluene 0.00340
Potential Emission in tons/yr	0.00012	0.00007	0.004	0.099	0.00019

HAPs - Metals						
Emission Factor in lb/MMcf	Lead 0.0005	Cadmium 0.0011	Chromium 0.0014	Manganese 0.0004	Nickel 0.0021	Total
Potential Emission in tons/yr	0.00003	0.00006	0.00008	0.00002	0.00012	0.104

Methodology is the same as page 5.

The five highest organic and metal HAPs emission factors are provided above. Additional HAPs emission factors are available in AP-42, Chapter 1.4.

**Appendix A: Emissions Calculations
 Natural Gas Combustion Only
 MMBTU/HR >100
 Greenhouse Gas Emissions**

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

Emission Factor in lb/MMcf	Greenhouse Gas		
	CO2	CH4	N2O
120000	2.3		2.2
Potential Emission in tons/yr	6595.75	0.13	0.12
Summed Potential Emissions in tons/yr	6596		
CO2e Total in tons/yr	6636		

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

**Appendix A: Emission Calculations
LPG-Propane - Industrial Boilers**

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

<u>Emission Unit</u>	<u>MMBtu/hr Rating</u>
B1	1.67
B2	4.18
B3	6.70
Total:	12.55

Heat Input Capacity
MMBtu/hr

12.55

Potential Throughput
kgals/year

1169.46

SO2 Emission factor = 0.10 x S
S = Sulfur Content =

1.50 grains/100ft³

Emission Factor in lb/kgal	Pollutant					
	PM*	PM10*	SO2 (0.10S)	NOx	VOC 0.5 **TOC value	CO
Potential Emission in tons/yr	0.35	0.35	0.09	11.11	0.29	1.87

*PM emission factor is filterable PM only. PM10 emission factor is assumed to be the same as PM based on a footnote in Table 1.5-1, therefore PM10 is filterable only as well.

**The VOC value given is TOC. The methane emission factor is 0.2 lb/kgal.

Methodology

1 gallon of LPG has a heating value of 94,000 Btu

(Source - AP-42 (Supplement B 10/96) page 1.5-1)

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.0915 MMBtu

Emission Factors are from AP42 (Supplement B 10/96), Table 1.5-1 (SCC #1-02-010-02)

Emission (tons/yr) = Throughput (kgals/yr) x Emission Factor (lb/kgal) / 2,000 lb/ton

**Appendix A: Emission Calculations
LPG-Propane - Industrial Boilers
(Heat input capacity: > 10 MMBtu/hr and < 100 MMBtu/hr)
Greenhouse Gas**

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/kgal	12500	0.2	0.9
Potential Emission in tons/yr	7309.1	0.12	0.53
Summed Potential Emissions in tons/yr	7,310		
CO2e Total in tons/yr	7,475		

Methodology

The CO2 Emission Factor for Propane is 12500. The CO2 Emission Factor for Butane is 14300.

Emission Factors are from AP 42 (7/08), Table 1.5-1 (SCC #1-02-010-02)

Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.

Emission (tons/yr) = Throughput (kgals/ yr) x Emission Factor (lb/kgal)/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

**Appendix A: Emission Calculations
Unpaved Roads**

Company Name: Agricor, Inc.
Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
Permit Number: F053-16206-00053
Significant Permit Revision No.: 053-31666-00052
Reviewer: Summer Keown
Date: May 30, 2012

The following calculations determine the amount of emissions created by unpaved roads, based on 8,760 hours of use and AP-42, Ch 13.2.2 (11/2006).

$$\begin{aligned} & 0.86 \text{ trip/hr} \times \\ & 0.0379 \text{ mile/trip} \times \\ & 2 \text{ (round trip) } \times \\ & 8760 \text{ hr/yr} = \end{aligned} \quad 571.047 \text{ miles per year}$$

PM

$$E_f = k \left[\frac{s}{12} \right]^{0.9} \left[\frac{W}{3} \right]^b$$

$$= 10.87 \text{ lb/mile}$$

where k = 4.9 (particle size multiplier for PM) (k=4.9 for PM-30 or TSP)
s = 8.4 mean % silt content of unpaved roads
b = 0.45 Constant for PM
W = 36 tons average vehicle weight
M = 0.2 surface material moisture content, % (default is 0.2 for dry conditions)

$$E = \frac{10.87 \text{ lb/mi} \times 571.047 \text{ mi/yr}}{2000 \text{ lb/ton}} = \boxed{3.10 \text{ tons/yr}}$$

Taking natural mitigation due to precipitation into consideration:

$$E_{ext} = E \cdot \left[\frac{365-p}{365} \right] = 2.04 \text{ tons/yr}$$

where p = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.2-1)

PM-10

$$E_f = k \left[\frac{s}{12} \right]^{0.9} \left[\frac{W}{3} \right]^b$$

$$= 3.33 \text{ lb/mile}$$

where k = 1.5 (particle size multiplier for PM-10) (k=4.9 for PM-30 or TSP)
s = 8.4 mean % silt content of unpaved roads
b = 0.45 Constant for PM-10
W = 36 tons average vehicle weight
M = 0.2 surface material moisture content, % (default is 0.2 for dry conditions)

$$E = \frac{3.33 \text{ lb/mi} \times 571.047 \text{ mi/yr}}{2000 \text{ lb/ton}} = \boxed{0.951 \text{ tons/yr}}$$

Taking natural mitigation due to precipitation into consideration:

$$E_{ext} = E \cdot \left[\frac{365-p}{365} \right] = 0.625 \text{ tons/yr}$$

where p = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.2-1)

Appendix A: Emission Calculations
Demonstration of Compliance with 326 IAC 6-3-2

Company Name: Agrico, Inc.
 Source Address: 1626 South Joaquin Dr., Marion, Indiana 46952
 Permit Number: F053-16206-00053
 Significant Permit Revision No.: 053-31666-00052
 Reviewer: Summer Keown
 Date: May 30, 2012

Allowable Emissions Under 326 IAC 6-3-2

Process	Unlimited Throughput (lbs/hr)	Process Weight Rate (tons/hr)	Uncontrolled PM Emission Factor (lb/ton)	Control Device	Capture Efficiency (%)	Control Efficiency (%)	Uncontrolled PM Emissions (lbs/hr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)	Controlled PM Emissions (lbs/hr)	Uncaptured PM Emissions (lbs/hr)	Total Uncaptured and Controlled PM Emissions
Truck Receiving - Specialty Corn Receiving	280,000	140	0.18	Baghouse SPC-DC-01	90.00%	99.90%	25.20	54.72	2.54	2.52	5.06
Truck Receiving System RS-1	560,000	280	0.18	Baghouse RS-1	90.00%	99.90%	50.40	62.22	5.09	5.04	10.13
Corn Handling Operator	168,000	84.0	0.061	Baghouse CVC-DC-01	100%	99.90%	5.12	49.54	0.005		0.005
Line 1 and 2 Cleaners	56,000	28.0	0.75	Baghouse CH-1	100%	99.90%	21.0	38.23	0.021		0.021
Line 1 Drying (3 Rotary Dryers)	28,000	14.0	3.00	Cyclones D-1, D-2, D-3, and D-6	100%	95.00%	42.0	24.03	2.10		2.10
Line 2 Drying (3 Rotary Dryers)	28,000	14.0	3.00	Cyclones D-4, D-5, D-6, and D-7	100%	95.00%	42.00	24.03	2.10		2.10
Line 1 Cooling (3 Coolers)	28,000	14.0	1.80	Baghouses C-1 and C-2	100%	99.90%	25.20	24.03	0.025		0.025
Line 2 Cooling (3 Coolers)	28,000	14.0	1.80	Baghouses C-4 and C-5	100%	99.90%	25.2	24.03	0.025		0.025
Line 1 Milling	28,000	14.0	70.00	5 Baghouses A/B asp, A plf, B asp, B plf, and A/B feed	100%	99.90%	980.0	24.03	0.98		0.98
Line 2 Milling	28,000	14.0	70.00	3 Baghouses MVSA, C qs, and C plf	100%	99.90%	980.0	24.03	0.98		0.98
Grain Sorting and Tempering Operator	56,000	28.0	0.061	Baghouse CH-DC-02	100%	99.90%	1.7	38.23	0.0017		0.0017
Bran/Whole Grain/Germ Processinc	13,000	6.5	1.2	Baghouse GEN-DC-01	100%	99.90%	7.80	14.37	0.0078		0.0078
Feed Conveying Operator	28,000	14.0	0.061	Baghouse FC-1	100%	99.90%	0.85	24.03	0.0009		0.0009
Food Grade Load-out Operation (Rail Load-out)	51,520	25.76	0.027	none	0%	0.00%	0.70	36.15	0.70		0.70
Food Grade Load-out Operation (Truck Load-out)	51,520	25.76	0.086	Baghouse TLP	100%	99.90%	2.22	36.15	0.0022		0.0022
Feed Load-out Operation (Material Handling)	100,000	50.00	0.0033	Baghouse TLF	100%	99.90%	0.17	44.58	0.0002		0.0002
Feed Load-out Operation (Feed Load-out)	100,000	50.00	0.0033	Baghouses TLF and GSF	100%	99.90%	0.17	44.58	0.0002		0.0002
Hammermill (see note*)	28,000	14.0	1.2	Baghouse GSF	100%	99.90%	16.8	see note*	0.017		0.017
Feed Load-out (Fugitive) (Rail Feed Load-out)	100,000	50.00	0.0033	No control on Rail Feed Loadout	100%	99.90%	0.17	44.58	0.0002		0.0002

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 h
 where
 $E = 4.10 P^{0.67}$
 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 the equat
 where
 $E = 55.0 P^{0.11} \cdot 40$
 E = rate of emission in pounds per hour and
 P = process weight rate in tons per hour

Emission factors are from AP 42 Table 9.3.1-1 Particulate Emission Factors for Grain Elevators (4/0)

Methodology

*For the Hammermill, the 326 IAC 6-3-2 Limit will be based on Feed Load-out process weight rate of 100,000 lbs/hr, since the Feed Load-out is also controlled by Baghouse
 PTE of PM/PM10 Before Control (lbs/hr) = Maximum Throughput (tons/hr) x Emission factor (lbs/ton)
 PTE of PM/PM10 After Control (tons/hr) = Maximum Throughput (tons/hr) x Emission factor (lbs/ton) x (1- Control Efficiency %)



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

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

TO: Dan Friday
Agricor, Inc.
PO Box 807, 1626 S Joaquin
Marion, IN 46952

DATE: August 16, 2012

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

SUBJECT: Final Decision
FESOP
053-31666-00052

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.

Final Applicant Cover letter.dot 11/30/07



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August 16, 2012

TO: Marion Public library

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

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

Applicant Name: Agricor Inc
Permit Number: 053-31666-00052

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

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

Enclosures
Final Library.dot 11/30/07

Mail Code 61-53

IDEM Staff	CDENNY 8/16/2012 Agricor, Inc. 053-31666-00052 (final)		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

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											Remarks
1		Dan Friday Agricor, Inc. PO Box 807, 1626 S Joaquin Marion IN 46952 (Source CAATS)									
2		Stephen H Wickes President Agricor, Inc. PO Box 807, 1626 S Joaquin Marion IN 46952 (RO CAATS)									
3		Marion City Council and Mayors Office 301 S. Branson Street Marion IN 46952-4052 (Local Official)									
4		Grant County Commissioners 401 South Adams Marion IN 46953 (Local Official)									
5		Ms. Mary Shipley 10968 E 100 S Marion IN 46953 (Affected Party)									
6		Grant County Health Department 401 S. Adams St, Courthouse Complex Marion IN 46953-2031 (Health Department)									
7		Mr. Thomas Lee Clevenger 4005 South Franks Lane Selma IN 47383 (Affected Party)									
8		David Jordan Environmental Resources Management (ERM) 11350 North Meridian, Suite 320 Carmel IN 46032 (Consultant)									
9		Marion Public Library 600 S Washington St Marion IN 46953 (Library)									
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