



November 11, 2004

Mr. Mike Van Houten
Plant Manager
Cargill Dry Corn Ingredients, Inc.
1730 West Michigan Street
Indianapolis, IN. 46222-3898

Certified Mail: 7000 0600 0023 5187 5286

Re: 097-20042-00020
Second Administrative Amendment to
Part 70 Operating Permit 097-5458-00020

Dear Mr. Van Houten:

Cargill Dry Corn Ingredients, Inc. was issued its initial Part 70 Operating Permit on March 17, 2003 for a grain storage, handling and milling operation under a Standard Industrial Classification (SIC) Code of 2041 (Corn Handling and Processing). Cargill Dry Corn Ingredients, Inc. was issued a first administrative amendment 097-17839-00020 on July 22, 2003.

A request for the addition of product loadout spout # 4, identified as D-56, to the existing source was received by the City of Indianapolis Office of Environmental Services (OES) on September 29, 2003. Proposed loadout spout # 4 (D-56) has a potential to emit PM and PM-10 of 4.3 and 1.5 tons per year, respectively (see attached calculations). Therefore, this proposed facility is an insignificant activity pursuant to 326 IAC 2-7-1(21). The request to incorporate this new insignificant activity into the existing permit is considered descriptive revision to the permit.

A letter requesting a change to the specified normal operating pressure drop range for baghouses associated with D-22 and D-50 in Parametric Monitoring Conditions D.7.4 and D.8.5 was received by OES on May 7, 2004. Specifically, the letter requested that the normal pressure drop operating range be changed from "2.0 to 8.0 inches of water" to "0.5 to 8.0 inches of water." After several months of monitoring the pressure drop, Cargill Dry Corn Ingredients, Inc. has determined that the normal operating pressure for these units is lower than the permit required range. Even though the facility has been operating at these low pressure drop levels, required visible emissions observations have not noted an opacity problem from these baghouses.

In addition, a letter requesting that monitoring, recordkeeping, and reporting requirements be removed for facilities which have recently ceased operation was received by OES on September 7, 2004. Significant emission units, identified as D-5, D-6, D-7, D-15, D-21, D-22, D-23, D-24, D-25, and D-26, have ceased operation. Insignificant emission units, identified as D-28, D-32, D-33, D-36, D-44, D-44A, D-46, and D-4, have also ceased operation. Because none of these units have actually been disconnected or removed from the source with the exception of D-4, only unit D-4 and its requirements shall be removed from the permit at this time. The letter received on September 7, 2004 also requested changes for other emission points. Emission units D-30/D-31 and D-52 are now handling a significantly reduced airflow and thus have experienced pressure drop ranges below the permit required "3.0 to 6.0 inches of water." The letter requested that the pressure drop ranges be modified to "0.5 to 6.0 inches of water." Even though the facility has been operating at these low pressure drop levels, required visible emissions observations have not noted an opacity problem from these baghouses.

Department of Public Works
Office of Environmental Services
2700 South Belmont Avenue (317) 327-2234
Indianapolis, Indiana 46221 (fax) 327-2274
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Therefore, pursuant to the provisions of 326 IAC 2-7-11(a)(7), the permit is hereby administratively amended as follows:

(1) Sections A.3 and D.9 have been revised as follows:

~~(a) Masa "B" Cooling, identified as D-4 with a maximum throughput capacity of 7.5 tons per hour and exhausts through a baghouse integral to the process and to Stack/Vent D-4. Installed in 1998. [326 IAC 6-1-2(a)]~~

(2) Sections A.3 and D.10 have been revised as follows:

(a) One (1) product loadout spout # 4, identified as D-56. [326 IAC 6-1-2(a)]

(3) Condition D.9.1 has been revised as follows:

D.9.1 Nonattainment Area Limitations [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Limitations), particulate matter (PM) emissions from Emission Unit ID ~~D-4~~, D-27, D-28, D-29, D-32, D-33, D-34, D-35, D-36 D-38, D-39, D-40, D-41, D-42, D-54 and D-55 each shall not exceed 0.03 grains per dry standard cubic foot of exhaust air. Each baghouse for particulate matter control shall be in operation at all times when its corresponding emission unit is in operation. Compliance with this condition will satisfy the requirements of 326 IAC 6-1-2(a).

(4) Condition D.10 has been revised as follows:

D.10.1 Nonattainment Area Limitations [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Limitations), particulate matter (PM) emissions from Emission Unit ID D-43, D-44, 44a, 45, 46, 46A, and D-47 **and D56** each shall be limited to 0.03 grains per dry standard cubic foot of exhaust air.

(4) Condition D.7.4 has been revised as follows:

D.7.4 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouse used in conjunction with D-21, D-22, D-23, D-24, D-25, D-26, D-30, D-31 and D-37, at least once per shift when in operation and when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse **used in conjunction with D-21, D-23, D-24, D-25, D-26, or D-37** is outside the normal range of 2.0 and 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports. **When for any one reading, the pressure drop across the baghouse used in conjunction with D-22, D-30, or D-31 is outside the normal range of 0.5 and 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports.** A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a violation of this permit.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and OES

shall be calibrated at least once every six (6) months.

(5) Condition D.8.5 has been revised as follows:

D.8.5 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouse used in conjunction with Emission Unit ID D-50 and D-52 operations, at least once per shift when in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse is outside the normal range of ~~2-0~~ **0.5** and 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a violation of this permit.

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

(6) Condition C.17 was revised to address the revised requirements of 326 IAC 2-6 (Emission Reporting) as follows:

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

(a) The Permittee shall submit an ~~annual~~ emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received ~~by April 15 of each year~~ **in accordance with the compliance schedule specified in 326 IAC 2-6-3** and must comply with the minimum requirements specified in 326 IAC 2-6-4. The ~~annual~~ emission statement shall meet the following requirements:

- (1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
- (2) Indicate estimated actual emissions of regulated pollutants (as defined by 326 IAC 2-7-1(32)) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.

~~(b) The annual emission statement covers the twelve (12) consecutive month time period starting December 1 and ending November 30. The annual emission statement must be submitted to:~~

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Indianapolis Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

The emission statement does require the certification by the "responsible official" as

defined by 326 IAC 2-7-1(34).

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

All other conditions of the Part 70 Operating Permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Angelique Oliger, City of Indianapolis, OES, 2700 South Belmont Avenue, Indianapolis, Indiana 46221, or call 317-327-2846.

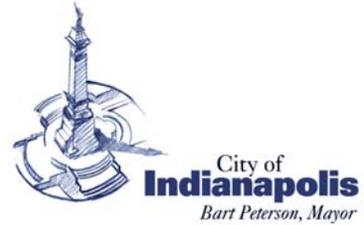
Sincerely,

Original Signed by

John B. Chavez
Administrator

Attachments-Revised Permit and Emission Calculation

cc: OES Files - 2 copies
Compliance - Matt Mosier
USEPA - R5
Marion County Health Dept.
IDEM, Mindy Hahn



PART 70 OPERATING PERMIT

**INDIANA DEPARTMENT
OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
and
CITY of INDIANAPOLIS
OFFICE of ENVIRONMENTAL SERVICES**

**Cargill Dry Corn Ingredients, Inc.
1730 West Michigan Street
Indianapolis, Indiana 46222-3898**

(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.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17 and the Code of Indianapolis and Marion County, Chapter 511.

Operation Permit No.: T097-5458-00020	
Issued by: Original Signed by Janet G. McCabe, Assistant Commissioner Office of Air Quality Original Signed by John B. Chavez Administrator, OES	Issuance Date: March 17, 2003 Expiration Date: March 17, 2008

First Administrative Amendment 097-17839-00020, issued July 22, 2003.

Second Administrative Amendment: 097-20042-00020	Sections/Conditions Affected: A.3, C.17, D.7.4, D.8.5, D.9.1, D.10.1, D.9 and D.10 descriptions
Issued by: Original Signed by John B. Chavez Administrator, OES	Issuance Date: November 11, 2004 Expiration Date: March 17, 2008

Department of Public Works
Office of Environmental Services
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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) and the Indianapolis Office of Environmental Services (OES). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

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

The Permittee owns and operates a dry corn milling and processing plant.

Responsible Official:	Mike Van Houten, Plant Manager
Source Address:	1730 West Michigan Street, Indianapolis, Indiana 46222-3898
Mailing Address:	1730 West Michigan Street, Indianapolis, Indiana 46222-3898
SIC Code:	2041
County Location:	Marion
County Status:	Nonattainment for Particulate Matter Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD; Minor Source, Section 112 of the Clean Air Act

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

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

- (a) Cleaver Brooks Boiler #1 identified as Emission Unit ID 19, installed in 1972, has a rated heat input capacity of 33.5 million Btu per hour. The boiler combusts primarily natural gas and has No. 2 fuel oil as a backup capability. Emission Unit ID 19 exhausts at Stack/Vent 1.
- (b) Grain receiving operations, identified as D-20. Installed in 1974. The grain receiving operation has a maximum throughput capacity of 200 tons of grain per hour, and is controlled by a baghouse, exhausting at one (1) stack, identified as Stack/Vent 8.
- (c) Two (2) grain elevator headhouses, identified as D-11 and D-14. Installed in 1974. Each headhouse has a maximum throughput capacity of 200 tons of grain per hour, and each has cyclone control. Each exhausts at one (1) stack, identified as Stack/Vent 5 and 6, respectively.
- (d) New mill drying and cooling operations, identified as D-6 (New Mill Dryer), D-7 (New Mill Dryer), D-8 (New Mill Cooler) and D-15 (Oil Mill Dust System). Installed in 1974. D-6 and D-7 each have a maximum throughput capacity of 25 tons per hour. D-8 has a maximum throughput capacity of 50 tons per hour. D-15 has a maximum throughput capacity of 1.5 tons per hour. Each of these processes is controlled by two cyclones in series. Each operation D-6, D-7, D-8 and D-15 exhaust out one (1) stack identified as Stack/Vent identification 2, 3, 4 and 7, respectively.
- (e) Masa corn products drying operations, identified as D-15A (Masa "A" System) and D-15B (Masa "B" System). Installed in 1992. D-15A and D-15B each have a maximum throughput capacity of 6.5 tons per hour. Each of these processes is controlled by two cyclones in series. Each operation exhausts out one (1) stack identified as Stack/Vent 7A and 7B, respectively.
- (f) Flaking Grit Drying identified as D-5 and consisting of two dryers. Installed in 1998. The

flaking grit drying has a maximum throughput capacity of 2.5 tons per hour and is equipped with a cyclone exhausting at a single stack identified as Stack/Vent 2.

- (g) Two (2) grading systems: Grading system A, with pneumatic conveyance system exhausts identified as D-21, D-22, and D-23, and Grading system B, with pneumatic conveyance system exhausts identified as D-24, D-25, and D-26. Installed in 1974. Grading systems A and B each have a combined maximum throughput capacity of 30 tons of grain per hour. Each pneumatic conveyance system exhaust is equipped with one (1) stack, identified, as Stack/Vent 9, 10, and 11, respectively for grading system A, and Stack/Vent 12, 13, and 14, respectively for grading System B. Each exhaust has baghouse control.
- (h) Germ Recovery System, identified as D-30 and D-31. Installed in 1974. Each recovery system has a maximum throughput capacity of 2.5 tons per hour and equipped with common baghouse control exhausting through two (2) stacks identified as Stack/Vent 17 and 18.
- (i) One (1) Finished Products System, identified as D-37. Installed in 1974. The finished products system has a maximum throughput capacity of 33 tons of corn products per hour, and is equipped with baghouse control, exhausting through a single stack, identified as Stack/Vent 24.
- (j) Masa Hammermill Dust System identified as D-50. Installed in 1999. The Masa Hammermill Dust System consists of two (2) hammermills with a combined maximum throughput capacity of 15.0 tons per hour and is equipped with a baghouse exhausting at Stack/Vent D-50.
- (k) 9th Floor Filter Reroute, identified as D-52. Installed in 1999. This process has a maximum throughput capacity of 4.5 tons per hour and is controlled by a baghouse exhausting at Stack/Vent D-52.

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

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

- (a) One (1) product loadout spout # 4, identified as D-56. [326 IAC 6-1-2(a)]
- (b) One (1) Feed Hammermill Lift system, identified as D-27. Installed in 1974. The feed hammermill has a maximum throughput capacity of 28 tons of corn products per hour, and exhausts through three (3) baghouses to a single stack, identified as Stack/Vent 27. These baghouses are considered integral to the process. [326 IAC 6-1-2(a)]
- (c) Reduction System A, identified as D-28 and Reduction System B, identified as D-29. Installed in 1974. Each system is rated at a maximum throughput capacity of 12.5 tons per hour and exhausts through a baghouse considered integral to the process and to, respectively, Stack/Vent 15 and Stack/Vent 16. [326 IAC 6-1-2(a)]
- (d) Coarse Grit Receiver, identified as D-32 and Brewers Grit Receiver, identified as D-33. Installed in 1974. Each is rated at a maximum throughput capacity of 6.25 tons per hour and exhausts through a baghouse integral to the process and to, respectively, Stack/Vent 19 and Stack/Vent 20. [326 IAC 6-1-2(a)]
- (e) Two (2) Flour Receivers, identified as D-34 and D-35, one (1) Granulated Meal Receiver, identified as D-36 and one (1) Soft Meal Receiver, identified as D-38. Installed in 1974. Each is rated at a maximum throughput capacity of 5.0 tons per hour and exhausts through a baghouse integral to the process and to, respectively, Stack/Vent 21, 22, 23 and 25. [326 IAC 6-1-2(a)]

- (f) Reduction systems A and B blowers, identified as D-39. Installed in 1974. The reduction systems A and B have a maximum throughput capacity of 12 tons of corn products per hour, and are equipped with baghouse control, exhausting through a single stack, identified as Stack/Vent 26. This baghouse is considered integral to the process. [326 IAC 6-1-2(a)]
- (g) Germ Recovery System Blower, identified as D-40 and rated at a maximum throughput capacity of 6.0 tons per hour and exhausting through a baghouse integral to the process and to Stack/Vent 45. Installed in 1974. [326 IAC 6-1-2(a)]
- (h) Two (2) Germ Recovery System Feed Blowers, identified as D-41 and D-42 each with a maximum throughput capacity of 8.0 tons per hour and each system exhausts through four (4) baghouses in parallel and integral to the process and exhausting, respectively, through Stack/Vent 28 and 29. Installed in 1974. [326 IAC 6-1-2(a)]
- (i) Joshi Dryer, identified as D-54 with a maximum throughput capacity of 2.0 tons per hour and exhausting through one (1) baghouse integral to the process and to Stack/Vent D-54. Installed in 1997. [326 IAC 6-1-2(a)]
- (j) Joshi Dry Product Transfer Exhaust, identified as D-55. Installed in 1997. This process is controlled by a baghouse and has a maximum throughput capacity of 2.0 tons per hour. This baghouse is considered integral to the process and exhausts to Stack/Vent D-55. [326 IAC 6-1-2(a)]
- (k) Railcar Load out of finished products, identified as D-43, D-44, 44a, 45, 46, and 46A. Installed in 1974. Flour load out and yellow goods loadout are controlled by spout extensions and loadout enclosures only. The D-43 operations have maximum throughput capacity of 25 tons per hour and D-44, 44a, 45, 46 and 46a operations have a combined maximum throughput capacity of 26 tons per hour. [326 IAC 6-1-2(a)]
- (l) Finished Products Shipping and Handling Operations, including feed loadout, identified as D-47. Installed in 1974. Feed loadout is controlled by a spout extension only. The operations have maximum throughput capacity of 60 tons per hour. [326 IAC 6-1-2(a)]
- (m) Corn Aspiration identified as Emission Unit ID D-48 and controlled by a baghouse exhausting less than 4000 acfm at Stack/Vent D-48. Installed in 1995. [326 IAC 6-1-2(a)]
- (n) Masa Cooker Steam Ventilation Unit identified as Emission Unit ID D-49 and controlled by a cyclone exhausting at Stack/Vent D-49. Installed in 1996. [326 IAC 6-1-2(a)]
- (o) Raw Bran Bin Dust Filter identified as Emission Unit ID D-53 and controlled by a baghouse exhausting at Stack/Vent D-53. Installed in 1997. [326 IAC 6-1-2(a)]
- (p) Natural gas-fired heaters, each rated at less than 10 million Btu per hour; [326 IAC 6-1-2(a)]
- (q) Equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu per hour; [326 IAC 6-1-2(a)]
- (r) Brazing equipment, cutting torches, soldering equipment, and welding equipment, not resulting in the emission of HAPs; [326 IAC 6-1-2(a)]
- (s) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors, and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations. [326 IAC 6-1-2(a)]
- (t) Cleaners and solvents having a vapor pressure equal to or less than 2 kiloPascals

measured at 38 degrees Celsius (100 degrees Fahrenheit) or having a vapor pressure equal to or less than 0.7 kiloPascals measured at 20 degrees Celsius, the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months; [326 IAC 8-3-5(a) & (b)]

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

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

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

SECTION B

GENERAL CONDITIONS

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

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

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]

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

B.3 Enforceability [326 IAC 2-7-7]

(a) 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 Indianapolis Office of Environmental Services (OES), the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

(b) The IAPCB has adopted by reference state rules listed in Attachment A of this permit. The version adopted by reference includes all amendments, additions and repeals filed with the Secretary of State through August 10, 1997 and published in the Indiana Register September 1, 1997, unless otherwise indicated in the adoption by reference. For the purposes of this permit, all state rules adopted by reference by the IAPCB are enforceable by OES using local enforcement procedures. Unless otherwise stated, all terms and conditions in this permit that are local requirements, including any provisions designed to limit the source's potential to emit, are enforceable by OES.

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

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

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

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

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

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

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

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue

Indianapolis, Indiana 46221

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

- (b) The Permittee shall furnish to IDEM, OAQ and OES, within a reasonable time, any information that IDEM, OAQ and OES may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, and OES copies of records required to be kept by this permit.
- (c) 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 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:
 - (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; or
 - (3) Denial of a permit renewal application.
- (b) Noncompliance with any provisions of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act.
- (c) 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.
- (d) 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.

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

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

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

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall

cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Data Compliance
2700 South Belmont Avenue
Indianapolis, Indiana 46221

and

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

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

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

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

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

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

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air QUALITY
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Data Compliance
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

- (b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and OES. IDEM, OAQ and OES may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept 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 or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or OES within a reasonable time.

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

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

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

Telephone Number: 1-800-451-6027 (ask for Office of Air QUALITY, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Data Compliance
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

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

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ, and OES may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.

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

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

- (a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

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

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

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

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

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deletedby this permit.
- (b) All previous registrations and permits are superseded by this permit.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Data Compliance
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

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

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

**B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]**

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, or OES determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ, or OES to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ or OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ or OES may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-4]

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

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

- (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and OES on or before the date it is due.
- (2) If IDEM, OAQ and OES, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ and OES takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ and OES, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ and OES fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015
- and
- Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221
- Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]
[326 IAC 2-7-12 (b)(2)]

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

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

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
 - (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221

and

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

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and
 - (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

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

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

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

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2]

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

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy any records that must be kept under the conditions of this permit;
- (c) Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

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

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ and OES within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, or OES, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, I/M & Billing Section), to determine the appropriate permit fee.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Opacity [326 IAC 5-1]

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

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.2 Open Burning [326 IAC 4-1] [IC 13-17-9]

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

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

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

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

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

C.5 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute, rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

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

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

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

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Enforcement Section, Asbestos Program
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.

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

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

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Data Compliance
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

- (b) The Permittee shall notify IDEM, OAQ and OES of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ and OES not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ and OES if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Office of Environmental Services
Air Quality Management Section, Data Compliance
2700 South Belmont Avenue
Indianapolis, Indiana 46221

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

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

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

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

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

C.12 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

- (a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.
- (b) Whenever a condition in this permit requires the measurement of pressure drop, the instrument employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.
- (c) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

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

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

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 September 22, 1988.
- (b) Upon direct notification by IDEM, OAQ and OES that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level.
[326 IAC 1-5-3]

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

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

- (a) A compliance schedule for meeting the requirements of 40 CFR 68; or
- (b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

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

C.15 Compliance Response Plan - Preparation, Implementation, Records and Reports [326 IAC 2-7-5]
[326 IAC 2-7-6]

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, maintained on site, and comprised of:
- (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected time frame for taking reasonable steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
- (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such an additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, IDEM, OAQ and OES shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal and the results of the actions taken up to the time of the notification.
 - (4) Failure to take reasonable response steps shall constitute a violation of the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
- (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

- (d) When implementing reasonable response steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Condition B - Deviations from Permit Requirements and Conditions.
- (e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

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

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

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

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

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

- (a) The Permittee shall submit an emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received in accordance with the compliance schedule specified in 326 IAC 2-6-3 and must comply with the minimum requirements specified in 326 IAC 2-6-4. The emission statement shall meet the following requirements:
 - (1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (2) Indicate estimated actual emissions of regulated pollutants (as defined by 326 IAC 2-7-1(32)) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.

The emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

Indianapolis Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

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

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

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner OES within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

Office of Environmental Services
Air Quality Management Section, Data Compliance
2700 South Belmont Avenue
Indianapolis, Indiana 46221

- (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, and OES on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall

be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.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 standards for recycling and emissions reduction:

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

SECTION D.1

FACILITY OPERATION CONDITIONS

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

- (a) Cleaver Brooks Boiler #1 identified as Emission Unit ID 19, installed in 1972, has a rated heat input capacity of 33.5 million Btu per hour. The boiler combusts primarily natural gas and has No. 2 fuel oil as a backup capability. Emission Unit ID 19 exhausts at Stack/Vent 1.

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

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

D.1.1 Nonattainment Area Limitations: Marion County [326 IAC 6-1-12]

Pursuant to 326 IAC 6-1-12 (Nonattainment Area Limitations: Marion County), particulate matter (PM) emissions from the Cleaver Brooks Boiler #1 identified as Emission Unit ID 19 are limited to 0.014 pounds per million Btu and 1.0 tons per year.

D.1.2 Fuel Usage Limitation [326 IAC 6-1-12]

- (a) Natural Gas combustion (by itself with no other fuel burned) in Emission Unit ID 19 shall not exceed 263.15 million cubic feet per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is equivalent to 1.0 ton per year of PM.
- (b) Distillate Fuel combustion (by itself with no other fuel burned) in Emission Unit ID 19 shall not exceed 1000 kgal per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is equivalent to 1.0 ton per year of PM.
- (c) For the purposes of determining compliance, every 1000 gallons (1 kgal) of distillate fuel consumption is equivalent to 0.26 million cubic feet of natural gas consumption based on PM emissions. This usage limit is required to limit the potential to emit PM to less than 1.0 tons per year.

D.1.3 Sulfur Dioxide [326 IAC 7-1.1][326 IAC 7-2-1]

Pursuant to 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations), sulfur dioxide emissions from Emission Unit ID 19 shall not exceed five tenths (0.5) pounds per million Btu heat input for distillate oil combustion. Pursuant to 326 IAC 7-2-1, compliance shall be demonstrated on a calendar month average.

D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID 19 and any control devices.

Compliance Determination Requirements

D.1.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 3-7-4]

Compliance with Condition D.1.3 shall be determined utilizing one of the following options.

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed five-tenths percent (0.5) pounds per million Btu heat input by:
- (1) Providing vendor analysis of fuel delivered, if accompanied by a certification;
 - (2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.

- (A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
 - (B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling; or
- (b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

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

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

D.1.6 Visible Emissions Notations

- (a) Visible emission notations of Stack/Vent 1 stack exhaust shall be performed once per shift during normal daylight operations while combusting fuel oil. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

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

D.1.7 Record Keeping Requirements

- (a) To document compliance with condition D.1.3, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) below shall be complete and sufficient to establish compliance with the SO₂ emission limit established in Condition D.1.3.
 - (1) Calendar dates covered in the compliance determination period;
 - (2) Actual fuel oil usage since the last compliance determination period and equivalent sulfur dioxide emissions;
 - (3) To certify compliance when burning natural gas only, the permittee shall maintain records of fuel used.

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

- (4) Fuel supplier certifications;
 - (5) The name of the fuel supplier; and
 - (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.
- (b) To document compliance with Condition D.1.2, the Permittee shall maintain records of monthly and twelve (12) consecutive month sum of natural gas consumption and/or natural gas equivalents for Emission Unit ID 19 (Boiler # 1).
 - (c) To document compliance with Condition D.1.6, the Permittee shall maintain records of once per shift visible emission notations of the stack exhaust from Stack/Vent 1 while combusting fuel oil.
 - (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.8 Reporting Requirements

- (a) A certification, signed by the responsible official, that certifies all of the fuels combusted during the period. The natural gas fired boiler certification does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The natural gas boiler certification shall be submitted to the address(es) listed in Section C - General Reporting Requirements of this permit using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported.
- (c) A quarterly summary of the information to document compliance with Condition D.1.2 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2

FACILITY OPERATION CONDITIONS

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

- (b) Grain receiving operations, identified as D-20. Installed in 1974. The grain receiving operation has a maximum throughput capacity of 200 tons of grain per hour, and is controlled by a baghouse, exhausting at one (1) stack, identified as Stack/Vent 8.

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

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

D.2.1 Nonattainment Area Limitations [326 IAC 6-1-2(d)(1)]

Pursuant to 326 IAC 6-1-2(d)(1) (Nonattainment Area Limitations), particulate matter (PM) emissions from grain receiving operations shall be limited to 0.03 grains per dry standard cubic foot of exhaust air. The baghouse for particulate matter control shall be in operation at all times when grain receiving is in operation in order to comply with this limit.

D.2.2 Nonattainment Area Limitations [326 IAC 6-1-2(d)(2)]

Pursuant to 326 IAC 6-1-2(d)(2) (Nonattainment Area Limitations), the following shall be provided:

- (a) Good housekeeping practices conducted in the following areas or operations:
- (1) Areas to be swept and maintained clean in appearance shall include at a minimum: general grounds, yard and other open areas; floor decks, hopper areas, loading areas, dust collectors, and all such areas of dust or waste concentrations; and grain driers with respect to accumulated particulate matter.
 - (2) Cleanings or other collected waste material shall be handled and disposed of in such a manner that the area does not generate fugitive dust.
 - (3) Dust from driveway, access roads, and other areas of travel be controlled.
 - (4) Accidental spills and other accumulations shall be cleaned up as soon as possible but no later than completion of the day's operation.
- (b) Good equipment maintenance will be those procedures which eliminate or minimize emissions from equipment or a system caused by:
- (1) Malfunctions.
 - (2) Breakdowns.
 - (3) Improper adjustments.
 - (4) Operation above rated or designed capacity.
 - (5) Not following designed operating specifications.
 - (6) Lack of good preventive maintenance care.
 - (7) Lack of critical and proper spare replacement parts on hand.
 - (8) Lack of properly trained and experienced personnel.
- (c) To ensure the above good housekeeping and maintenance procedures, emissions from the affected areas, operations, equipment and systems shall not exceed twenty percent (20%) opacity as determined pursuant to 326 IAC 5-1.

D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID D-20.

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

D.2.4 Visible Emissions Notations

- (a) Visible emission notations of Stack/Vent 8 stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.2.5 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouse used in conjunction with the grain receiving operations, at least once per shift when grain receiving is in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse is outside the normal range of 2.0 and 8.0 inches of water or a range established during the latest stack test, the Permittee shall reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a violation of this permit.

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

D.2.6 Baghouse Inspections

An inspection shall be performed each calender quarter of all bags controlling D-20 when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.

D.2.7 Broken or Failed Bag Detection

In the event that bag failure has been observed:

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

- (b) For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

D.2.8 Record Keeping Requirements

- (a) To document compliance with Condition D.2.4, the Permittee shall maintain records of visible emission notations of the stack exhaust from Stack/Vent 8 once per shift.
- (b) To document compliance with Condition D.2.5, the Permittee shall maintain records once per shift of the total static pressure drop during normal operation when venting to the atmosphere.
- (c) To document compliance with Condition D.2.6, the Permittee shall maintain records of the results of the inspections required under Condition D.2.6 and the dates the vents are redirected.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.3

FACILITY OPERATION CONDITIONS

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

- (c) Two (2) grain elevator headhouses, identified as D-11 and D-14. Installed in 1974. Each headhouse has a maximum throughput capacity of 200 tons of grain per hour, and each has - cyclone control. Emissions units D-11 and D-14 exhausts at one (1) stack each, identified as Stack/Vent 5 and 6, respectively.

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

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

D.3.1 Nonattainment Area Limitations: Marion County [326 IAC 6-1-12]

Pursuant to 326 IAC 6-1-12 (Nonattainment Area Limitations: Marion County), the particulate matter (PM) emissions from grain elevator headhouse operations, identified as D-11 and D- 14:

- (a) shall each not exceed 0.03 grains per dry standard cubic foot of exhaust air. At an exhaust air flow rate of 5395 dscfm, this is equivalent to 1.39 pounds per hour for Emission Unit ID D-11. At an exhaust air flow rate of 7800 dscfm, this is equivalent to 2.01 pounds per hour for Emission Unit ID D-14.
- (b) shall each not exceed, respectively, 3.1 and 6.0 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

The cyclones for particulate matter control shall be in operation at all times D-11 and D-14 are in operation in order to comply with the PM emission limit. Therefore, these conditions limit the potential to emit of PM to less than the applicable emission limit pursuant to 326 IAC 6-1-12.

D.3.2 Nonattainment Area Limitations [326 IAC 6-1-2(d)(2)]

Pursuant to 326 IAC 6-1-2(d)(2) (Nonattainment Area Limitations), the following shall be provided:

- (a) Good housekeeping practices conducted in the following areas or operations:
- (1) Areas to be swept and maintained clean in appearance shall include at a minimum: general grounds, yard and other open areas; floor decks, hopper areas, loading areas, dust collectors, and all such areas of dust or waste concentrations; and grain driers with respect to accumulated particulate matter.
 - (2) Cleanings or other collected waste material shall be handled and disposed of in such a manner that the area does not generate fugitive dust.
 - (3) Dust from driveway, access roads, and other areas of travel be controlled.
 - (4) Accidental spills and other accumulations shall be cleaned up as soon as possible but no later than completion of the day's operation.
- (b) Good equipment maintenance will be those procedures which eliminate or minimize emissions from equipment or a system caused by:
- (1) Malfunctions.
 - (2) Breakdowns.
 - (3) Improper adjustments.
 - (4) Operation above rated or designed capacity.

- (5) Not following designed operating specifications.
 - (6) Lack of good preventive maintenance care.
 - (7) Lack of critical and proper spare replacement parts on hand.
 - (8) Lack of properly trained and experienced personnel.
- (c) To ensure the above good housekeeping and maintenance procedures, emissions from the affected areas, operations, equipment and systems shall not exceed twenty percent (20%) opacity as determined pursuant to 326 IAC 5-1.

D.3.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID D-11 and D-14 and any control devices.

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

D.3.4 Visible Emissions Notations

- (a) Visible emission notations of Stack/Vent 5 and 6 stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.3.5 Cyclone Inspections

An inspection shall be performed each calendar quarter of all cyclones controlling headhouse operations when venting to the atmosphere. A cyclone inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors.

D.3.6 Cyclone Failure Detection

In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

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

D.3.7 Record Keeping Requirements

- (a) To document compliance with Condition D.3.4, the Permittee shall maintain records of visible emission notations of the stack exhaust from Stack/Vent 5 and 6 once per shift.
- (b) To document compliance with Condition D.3.5, the Permittee shall maintain records of the results of the inspections required under Condition D.3.5 and the dates the vents are redirected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.4

FACILITY OPERATION CONDITIONS

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

- (d) New mill drying and cooling operations, identified as D-6 (New Mill Dryer), D-7 (New Mill Dryer), D-8 (New Mill Cooler) and D-15 (Oil Mill Dust System). Installed in 1974. D-6 and D-7 each have a maximum throughput capacity of 25 tons per hour. D-8 has a maximum throughput capacity of 50 tons per hour. D-15 has a maximum throughput capacity of 1.5 tons per hour. Each of these processes is controlled by two cyclones in series. Each operation D-6, D-7, D-8 and D-15 exhaust out one (1) stack identified as Stack/Vent identification 2, 3, 4 and 7, respectively.

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

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

D.4.1 Nonattainment Area Limitations: Marion County [326 IAC 6-1-12]

Pursuant to 326 IAC 6-1-12 (Nonattainment Area Limitations: Marion County), the particulate matter (PM) emissions from drying and cooling operations, identified as D-6, D-7, D-8 and D-15:

- (a) shall each not exceed 0.03 grains per dry standard cubic foot of exhaust air. At an exhaust air flow rate of 10789 dscfm, this is equivalent to 2.77 pounds per hour for Emission Unit ID D-6. At an exhaust air flow rate of 8092 dscfm, this is equivalent to 2.08 pounds per hour for Emission Unit ID D-7. At an exhaust air flow rate of 10789 dscfm, this is equivalent to 2.77 pounds per hour for Emission Unit ID D-8. At an exhaust air flow rate of 9400 dscfm, this is equivalent to 2.42 pounds per hour for Emission Unit ID 15.
- (b) shall each not exceed, respectively, 12.0, 9.4, 3.1 and 5.9 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

The cyclones for particulate matter control shall be in operation at all times D-6, D-7, D-8 and D-15 are in operation in order to comply with the PM limit. Therefore, these conditions limit the potential to emit of PM to less than the applicable emission limit pursuant to 326 IAC 6-1-12.

D.4.2 Nonattainment Area Limitations [326 IAC 6-1-2(d)(2)]

Pursuant to 326 IAC 6-1-2(d)(2) (Nonattainment Area Limitations), the following shall be provided:

- (a) Good housekeeping practices conducted in the following areas or operations:
- (1) Areas to be swept and maintained clean in appearance shall include at a minimum: general grounds, yard and other open areas; floor decks, hopper areas, loading areas, dust collectors, and all such areas of dust or waste concentrations; and grain driers with respect to accumulated particulate matter.
 - (2) Cleanings or other collected waste material shall be handled and disposed of in such a manner that the area does not generate fugitive dust.
 - (3) Dust from driveway, access roads, and other areas of travel be controlled.
 - (4) Accidental spills and other accumulations shall be cleaned up as soon as possible but no later than completion of the day's operation.
- (b) Good equipment maintenance will be those procedures which eliminate or minimize emissions from equipment or a system caused by:

- (1) Malfunctions.
 - (2) Breakdowns.
 - (3) Improper adjustments.
 - (4) Operation above rated or designed capacity.
 - (5) Not following designed operating specifications.
 - (6) Lack of good preventive maintenance care.
 - (7) Lack of critical and proper spare replacement parts on hand.
 - (8) Lack of properly trained and experienced personnel.
- (c) To ensure the above good housekeeping and maintenance procedures, emissions from the affected areas, operations, equipment and systems shall not exceed twenty percent (20%) opacity as determined pursuant to 326 IAC 5-1.

D.4.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID D-6, D-7, D-8 and D-15 and any control devices.

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

D.4.4 Visible Emissions Notations

- (a) Visible emission notations of Stack/Vent 2, 3, 4 and 7 stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.4.5 Cyclone Inspections

An inspection shall be performed each calendar quarter of all cyclones controlling grain drying and cooling operations when venting to the atmosphere. A cyclone inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors.

D.4.6 Cyclone Failure Detection

In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

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

D.4.7 Record Keeping Requirements

- (a) To document compliance with Condition D.4.4, the Permittee shall maintain records of visible emission notations of the stack exhaust from Stack/Vent 2, 3, 4 and 7 once per shift.
- (b) To document compliance with Condition D.4.5, the Permittee shall maintain records of the results of the inspections required under Condition D.4.5 and the dates the vents are redirected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.5

FACILITY CONDITIONS

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

- (e) Masa corn products drying operations, identified as D-15A (Masa "A" System) and D-15B (Masa "B" System). Installed in 1992. D-15A and D-15B each have a maximum throughput capacity of 6.5 tons per hour. Each of these processes is controlled by two cyclones in series. Each operation exhausts out one (1) stack identified as Stack/Vent 7A and 7B, respectively.

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

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

D.5.1 Particulate Matter (PM) [326 IAC 6-1-2(a)][Installation Permit 9200020-01]

Pursuant to Installation Permit 920020-01, particulate matter (PM) emissions from corn products drying operations, Masa "A" and "B" systems, identified as D-15A, and D-15B each shall not exceed 0.02 grains per dry standard cubic foot of exhaust air and 2.2 pounds per hour. The cyclones for particulate matter (PM) control shall be in operation at all times D-15A and D-15B are in operation in order to comply with the PM limit. Therefore, these conditions limit the potential to emit of PM to less than the applicable emission limit pursuant to 326 IAC 6-1-2(a) and Installation Permit 9200020-01 issued November 13, 1992.

D.5.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID D-15A and D-15B and any control devices.

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

D.5.3 Visible Emissions Notations

- (a) Visible emission notations of Stack/Vent 7A and 7B shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.5.4 Cyclone Inspections

An inspection shall be performed each calendar quarter of all cyclones controlling corn products drying operations when venting to the atmosphere. A cyclone inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections

are optional when venting to the indoors.

D.5.5 Cyclone Failure Detection

In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

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

D.5.6 Record Keeping Requirements

- (a) To document compliance with Condition D.5.3, the Permittee shall maintain records of once per shift visible emission notations of the stack exhaust from Stack/Vent 7A and 7B.
- (b) To document compliance with Condition D.5.4, the Permittee shall maintain records of the results of the inspections required under Condition D.5.4 and the dates the vents are redirected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.6

FACILITY CONDITIONS

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

- (f) Flaking Grit Drying identified as D-5 and consisting of two dryers. Installed in 1998. The flaking grit drying has a maximum throughput capacity of 2.5 tons per hour and is equipped with a cyclone exhausting at a single Stack identified as Stack/Vent 2.

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

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

D.6.1 Particulate Matter (PM) [326 IAC 6-1-2(a)][Construction Permit 970020-01]

Pursuant to Construction Permit 970020-01 issued June 17, 1997, particulate matter (PM) emissions from Emission Unit ID D-5 shall not exceed 0.015 grains per dry standard cubic foot of exhaust air. At an exhaust air flow rate of 12,000 dscfm, this is equivalent to 1.54 pounds per hour.

The cyclone for D-5 for particulate matter control shall be in operation at all times D-5 is in operation in order to comply with the PM limit. Therefore, these conditions limit the potential to emit of PM to less than the applicable emission limit pursuant to Construction Permit 970020-01 and 326 IAC 6-1-2(a).

D.6.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID D-5, D-50 and D-52 and any control devices.

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

D.6.3 Visible Emissions Notations

- (a) Visible emission notations of the Stack/Vent 2 stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.6.4 Cyclone Inspections

An inspection shall be performed each calendar quarter of all cyclones controlling Emission Unit D-5 operations when venting to the atmosphere. A cyclone inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors.

D.6.5 Cyclone Failure Detection

In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

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

D.6.6 Record Keeping Requirements

- (a) To document compliance with Condition D.6.3, the Permittee shall maintain records of once per shift visible emission notations of the stack exhaust from Stack/Vent 2.
- (b) To document compliance with Condition D.6.4, the Permittee shall maintain records of the results of the inspections required under Condition D.6.4 and the dates the vents are redirected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.7

FACILITY CONDITIONS

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

- (g) Two (2) grading systems: Grading system A , with pneumatic conveyance system exhausts identified as D-21, D-22, and D-23, and Grading system B, with pneumatic conveyance system exhausts identified as D-24, D-25, and D-26. Installed in 1974. Grading systems A and B each have a combined maximum throughput capacity of 30 tons of grain per hour. Each pneumatic conveyance system exhaust is equipped with one (1) stack, identified as Stack/Vent 9, 10, and 11, respectively for grading system A, and Stack/Vent 12, 13, and 14, respectively for grading System B. Each exhaust has baghouse control.
- (h) Germ Recovery System, identified as D-30 and D-31. Installed in 1974. Each recovery system has a maximum throughput capacity of 2.5 tons per hour and equipped with common baghouse control exhausting through two (2) stacks identified as Stack/Vent 17 and 18.
- (i) One (1) Finished Products System, identified as D-37. Installed in 1974. The finished products system has a maximum throughput capacity of 33 tons of corn products per hour, and is equipped with baghouse control, exhausting through a single stack, identified as Stack/Vent 24.

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

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

D.7.1 Nonattainment Area Limitations [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Limitations), Grading system A , with pneumatic conveyance system exhausts identified as D-21, D-22, and D-23, and Grading system B, with pneumatic conveyance system exhausts identified as D-24, D-25, and D-26 each shall not exceed 0.03 grains per dry standard cubic foot of exhaust air.

The baghouses for particulate matter control shall be in operation at all times D-21, D-22, D-23, D-24, D-25, D-26, D-30, D-31 and D-37 are in operation in order to comply with the PM limit. Therefore, these conditions limit the PTE of PM to less than the applicable emission limit pursuant to 326 IAC 6-1-2(a).

D.7.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID D-21 through D-26, D-30, D-31 and D-37 and any control devices.

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

D.7.3 Visible Emissions Notations

- (a) Visible emission notations of Stack/Vent 9, 10, 11, 12, 13, 14, 17, 18 and 24 stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.7.4 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouse used in conjunction with D-21, D-22, D-23, D-24, D-25, D-26, D-30, D-31 and D-37, at least once per shift when in operation and when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse used in conjunction with D-21, D-23, D-24, D-25, D-26, or D-37 is outside the normal range of 2.0 and 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports. When for any one reading, the pressure drop across the baghouse used in conjunction with D-22, D-30, or D-31 is outside the normal range of 0.5 and 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a violation of this permit.

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

D.7.5 Baghouse Inspections

An inspection shall be performed each calendar quarter of all bags controlling D-21, D-22, D-23, D-24, D-25, D-26, D-30, D-31 and D-37 when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.

D.7.6 Broken or Failed Bag Detection

In the event that bag failure has been observed:

- (a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).
- (b) For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

D.7.7 Record Keeping Requirements

- (a) To document compliance with Condition D.7.3, the Permittee shall maintain records of once per shift visible emission notations of the stack exhaust from Stack/Vent 9, 10, 11, 12,13,14, 17, 18 and 24.
- (b) To document compliance with Condition D.7.4, the Permittee shall maintain records once per shift of the total static pressure drop during normal operation when venting to the atmosphere.
- (c) To document compliance with Condition D.7.5, the Permittee shall maintain records of the results of the inspections required under Condition D.7.5 and the dates the vents are redirected.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.8

FACILITY OPERATION CONDITIONS

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

- (j) Masa Hammermill Dust System identified as D-50. Installed in 1999. The Masa Hammermill Dust System consists of two (2) hammermills with a combined maximum throughput capacity of 15.0 tons per hour and is equipped with a baghouse exhausting at Stack/Vent D-50.
- (k) 9th Floor Filter Reroute, identified as D-52. Installed in 1999. This process has a maximum throughput capacity of 4.5 tons per hour and is controlled by a baghouse exhausting at Stack/Vent D-52.

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

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

D.8.1 Nonattainment Area Limitations [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Limitations)

- (a) Particulate Matter (PM) emissions from the Masa Hammermill Dust System, identified as Emission Unit ID D-50, shall be limited to 0.03 grains per dry standard cubic foot of exhaust air. At an exhaust air flow rate of 10000 dscfm, this is equivalent to 2.57 pounds per hour of PM.
- (b) Particulate Matter (PM) emissions from the 9th Floor Filter Reroute, identified as Emission Unit ID D-52, shall be limited to 0.015 grains per dry standard cubic foot of exhaust air. At an exhaust air flow rate of 36000 dscfm, this is equivalent to 4.63 pounds per hour of PM and 1.15 pounds per hour of PM10.

The baghouses for Particulate Matter (PM) control shall be in operation at all times D-50 and D-52 are in operation in order to comply with the PM limit. Therefore, these conditions limit the potential to emit of PM to less than the applicable emission limit pursuant to 326 IAC 6-1-2(a).

D.8.2 PSD Minor Limit [326 IAC 2-2][40 CFR 52.21]

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration) 40 CFR 52.21;

- (a) Particulate Matter (PM) and PM10 emissions from the Masa Hammermill Dust System, identified as Emission Unit ID D-50, shall be limited to 0.03 grains per dry standard cubic foot of exhaust air. At an exhaust air flow rate of 10000 dscfm, this is equivalent to 2.57 pounds per hour of PM and 0.64 pounds per hour of PM10.
- (b) Particulate Matter (PM) and PM10 emissions from the 9th Floor Filter Reroute, identified as D-52, shall be limited to 0.015 grains per dry standard cubic foot of exhaust air. At an exhaust air flow rate of 36000 dscfm, this is equivalent to 4.63 pounds per hour of PM and 1.15 pounds per hour of PM10.
- (c) Particulate Matter (PM) emissions from the Masa Hammermill Dust System, identified as Emission Unit ID D-50, shall be limited to less than twenty five (25) tons per twelve consecutive month period with compliance determined at the end of each month. PM10 emissions shall be limited to less than fifteen (15) tons per twelve consecutive month period with compliance determined at the end of each month.
- (d) Particulate Matter (PM) emissions from the 9th Floor Filter Reroute, identified as D-52 shall be limited to less than twenty five (25) tons per twelve consecutive month period with compliance determined at the end of each month. PM10 emissions shall be limited to less

than fifteen (15) tons per twelve consecutive month period with compliance determined at the end of each month.

The baghouses for Particulate Matter (PM) and PM10 control shall be in operation at all times D-50 and D-52 are in operation in order to comply with the PM and PM10 limits. Therefore, these conditions limit the potential to emit of PM to less than twenty five (25) tons per year and limit PM10 to less than fifteen (15) tons per year such that 326 IAC 2-2 does not apply.

D.8.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID D-50 and D-52 and any control devices.

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

D.8.4 Visible Emissions Notations

- (a) Visible emission notations of Stack/Vent D-50 and Stack/Vent D-52 stack exhaust shall be performed once per shift during normal daylight operations when exhausting to the atmosphere. 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.8.5 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouse used in conjunction with Emission Unit ID D-50 and D-52 operations, at least once per shift when in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse is outside the normal range of 0.5 and 8.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a violation of this permit.

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

D.8.6 Baghouse Inspections

An inspection shall be performed each calendar quarter of all bags controlling D-50 and D-52 when venting to the atmosphere. A baghouse inspection shall be performed within three months of redirecting vents to the atmosphere and every three months thereafter. Inspections are optional when venting to the indoors. All defective bags shall be replaced.

D.8.7 Broken or Failed Bag Detection

In the event that bag failure has been observed:

- (a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).
- (b) For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

D.8.8 Record Keeping Requirements

- (a) To document compliance with Condition D.8.4, the Permittee shall maintain records of visible emission notations of the stack exhaust from Stack/Vent D-50 and Stack/Vent D-52 once per shift.
- (b) To document compliance with Condition D.8.5, the Permittee shall maintain records once per shift of the total static pressure drop during normal operation when venting to the atmosphere.
- (c) To document compliance with Condition D.8.6, the Permittee shall maintain records of the results of the inspections required under Condition D.8.6 and the dates the vents are redirected.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.9 FACILITY OPERATION CONDITIONS

INSIGNIFICANT ACTIVITIES - EMISSION UNITS WITH INTEGRAL CONTROLS

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

- (b) One (1) Feed Hammermill Lift system, identified as D-27. Installed in 1974. The feed hammermill has a maximum throughput capacity of 28 tons of corn products per hour, and exhausts through three (3) baghouses to a single stack, identified as Stack/Vent 27. These baghouses are considered integral to the process. [326 IAC 6-1-2(a)]
- (c) Reduction System A, identified as D-28 and Reduction System B, identified as D-29. Installed in 1974. Each system is rated at a maximum throughput capacity of 12.5 tons per hour and exhausts through a baghouse considered integral to the process and to, respectively, Stack/Vent 15 and Stack/Vent 16. [326 IAC 6-1-2(a)]
- (d) Coarse Grit Receiver, identified as D-32 and Brewers Grit Receiver, identified as D-33. Installed in 1974. Each is rated at a maximum throughput capacity of 6.25 tons per hour and exhausts through a baghouse integral to the process and to, respectively, Stack/Vent 19 and Stack/Vent 20. [326 IAC 6-1-2(a)]
- (e) Two (2) Flour Receivers, identified as D-34 and D-35, one (1) Granulated Meal Receiver, identified as D-36 and one (1) Soft Meal Receiver, identified as D-38. Installed in 1974. Each is rated at a maximum throughput capacity of 5.0 tons per hour and exhausts through a baghouse integral to the process and to, respectively, Stack/Vent 21, 22, 23 and 25. [326 IAC 6-1-2(a)]
- (f) Reduction systems A and B blowers, identified as D-39. Installed in 1974. The reduction systems A and B have a maximum throughput capacity of 12 tons of corn products per hour, and are equipped with baghouse control, exhausting through a single stack, identified as Stack/Vent 26. This baghouse is considered integral to the process. [326 IAC 6-1-2(a)]
- (g) Germ Recovery System Blower, identified as D-40 and rated at a maximum throughput capacity of 6.0 tons per hour and exhausting through a baghouse integral to the process and to Stack/Vent 45. Installed in 1974. [326 IAC 6-1-2(a)]
- (h) Two (2) Germ Recovery System Feed Blowers, identified as D-41 and D-42 each with a maximum throughput capacity of 8.0 tons per hour and each system exhausts through four (4) baghouses in parallel and integral to the process and exhausting, respectively, through Stack/Vent 28 and 29. Installed in 1974. [326 IAC 6-1-2(a)]
- (i) Joshi Dryer, identified as D-54 with a maximum throughput capacity of 2.0 tons per hour and exhausting through one (1) baghouse integral to the process and to Stack/Vent D-54. Installed in 1997. [326 IAC 6-1-2(a)]
- (j) Joshi Dry Product Transfer Exhaust, identified as D-55. Installed in 1997. This process is controlled by a baghouse and has a maximum throughput capacity of 2.0 tons per hour. This baghouse is considered integral to the process and exhausts to Stack/Vent D-55. [326 IAC 6-1-2(a)]

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

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

D.9.1 Nonattainment Area Limitations [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Limitations), particulate matter (PM) emissions

from Emission Unit ID D-27, D-28, D-29, D-32, D-33, D-34, D-35, D-36 D-38, D-39, D-40, D-41, D-42, D-54 and D-55 each shall not exceed 0.03 grains per dry standard cubic foot of exhaust air. Each baghouse for particulate matter control shall be in operation at all times when its corresponding emission unit is in operation. Compliance with this condition will satisfy the requirements of 326 IAC 6-1-2(a).

SECTION D.10

FACILITY OPERATION CONDITIONS

INSIGNIFICANT ACTIVITIES - LOAD OUT EMISSION UNITS

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

- (a) One (1) product loadout spout # 4, identified as D-56. [326 IAC 6-1-2(a)]
- (k) Railcar Load out of finished products, identified as D-43, D-44, 44a, 45, 46, and 46A. Installed in 1974. Flour load out and yellow goods loadout are controlled by spout extensions and loadout enclosures only. The D-43 operations have maximum throughput capacity of 25 tons per hour and D-44, 44a, 45, 46 and 46a operations have a combined maximum throughput capacity of 26 tons per hour. [326 IAC 6-1-2(a)]
- (m) Finished Products Shipping and Handling Operations, including feed loadout, identified as D-47. Installed in 1974. Feed loadout is controlled by a spout extension only. The operations have maximum throughput capacity of 60 tons per hour. [326 IAC 6-1-2(a)]

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

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

D.10.1 Nonattainment Area Limitations [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Limitations), particulate matter (PM) emissions from Emission Unit ID D-43, D-44, 44a, 45, 46, 46A, D-47, and D-56 each shall be limited to 0.03 grains per dry standard cubic foot of exhaust air.

SECTION D.11 INSIGNIFICANT ACTIVITIES

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

- (m) Corn Aspiration identified as Emission Unit ID D-48 and controlled by a baghouse exhausting less than 4000 acfm at Stack/Vent D-48. Installed in 1995. [326 IAC 6-1-2(a)]
- (n) Masa Cooker Steam Ventilation Unit identified as Emission Unit ID D-49 and controlled by a cyclone exhausting at Stack/Vent D-49. Installed in 1996. [326 IAC 6-1-2(a)]
- (o) Raw Bran Bin Dust Filter identified as Emission Unit ID D-53 and controlled by a baghouse exhausting at Stack/Vent D-53. Installed in 1997. [326 IAC 6-1-2(a)]
- (p) Natural gas-fired heaters, each rated at less than 10 million Btu per hour; [326 IAC 6-1-2(a)]
- (q) Equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu per hour; [326 IAC 6-1-2(a)]
- (r) Brazing equipment, cutting torches, soldering equipment, and welding equipment, not resulting in the emission of HAPs; [326 IAC 6-1-2(a)]
- (s) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors, and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations. [326 IAC 6-1-2(a)]
- (t) Cleaners and solvents having a vapor pressure equal to or less than 2 kiloPascals measured at 38 degrees Celsius (100 degrees Fahrenheit) or having a vapor pressure equal to or less than 0.7 kiloPascals measured at 20 degrees Celsius, the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months; [326 IAC 8-3-5(a) & (b)]

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

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

D.11.1 Nonattainment Area Limitations [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Limitations);

- (a) Particulate Matter (PM) emissions from Emission Unit ID D-48, D-49 and D-53 each shall not exceed 0.03 grains per dry standard cubic foot of exhaust air.
- (b) Particulate Matter (PM) emissions from natural gas-fired heaters, each rated at less than 10 million Btu per hour, equipment powered by internal combustion engines of capacity equal to or less than 500,000 Btu per hour, brazing equipment, cutting torches, soldering equipment, and welding equipment, not resulting in the emission of HAPs and grinding and machining operations each shall not exceed 0.03 grains per dry standard cubic foot of exhaust air.

D.11.2 Volatile Organic Compounds (VOCs) [326 IAC 8-3-5(a)]

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

- (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));
 - (B) The solvent is agitated; or
 - (C) The solvent is heated.
 - (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
 - (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs existing as of July 1, 1990, the Permittee shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
and
CITY of INDIANAPOLIS OFFICE of ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Cargill Dry Corn Ingredients, Inc.
Source Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
Mailing Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
Part 70 Permit No.: 097-5458-00020

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967
and
CITY of INDIANAPOLIS OFFICE of ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
2700 South Belmont Ave.
Indianapolis Indiana 46221
Phone: 317-327-2234
Fax: 317-327-2274**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Cargill Dry Corn Ingredients, Inc.
Source Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
Mailing Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
Part 70 Permit No.: 097-5458-00020

This form consists of 2 pages

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<p>9 This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none">C The Permittee must notify the Office of Air QUALITY (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); andC The Permittee must submit notice or within two (2) working days (Facsimile Number: 317-233-5967), 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: _____

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
CITY of INDIANAPOLIS OFFICE of ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE**

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

Source Name: Cargill Dry Corn Ingredients, Inc.
Source Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
Mailing Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
Part 70 Permit No.: 097-5458-00020

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

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION
 and
 CITY of INDIANAPOLIS OFFICE of ENVIRONMENTAL SERVICES
 AIR QUALITY MANAGEMENT SECTION
 DATA COMPLIANCE**

**PART 70 OPERATING PERMIT
 QUARTERLY DEVIATION and COMPLIANCE MONITORING REPORT**

Source Name: Cargill Dry Corn Ingredients, Inc.
 Source Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
 Mailing Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
 Part 70 Permit No.: 097-5458-00020

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

<p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do 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 checked="" type="radio"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input checked="" type="radio"/> 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 each 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 each Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 COMPLIANCE DATA SECTION
 and
 CITY of INDIANAPOLIS OFFICE of ENVIRONMENTAL SERVICES
 AIR QUALITY MANAGEMENT SECTION
 DATA COMPLIANCE**

**Part 70 Usage Report
 (Submit Report Quarterly)**

Source Name: Cargill Dry Corn Ingredients, Inc.
 Source Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
 Mailing Address: 1730 West Michigan Street, Indianapolis, Indiana, 46222-3898
 Part 70 Permit No.: 097-5458-00020
 Facility: Boiler 19
 Parameter: Natural Gas and Natural Gas Equivalent usage
 Limit: 263.15 MMCF per twelve (12) consecutive month period with compliance determined at the end of each month. 1.0 kgal of distillate fuel usage is equivalent to 0.26MMCF of Natural Gas usage

Quarter: _____ **Year:** _____

	Column 1	Column 2	Column 3
	Total natural gas usage this month	Total fuel oil use equivalents this month	Rolling twelve consecutive month period combined natural gas and equivalents usage
Month			
Month			
Month			

- ☑ No deviation occurred in this month.
- ☑ Deviation/s occurred in this quarter.

Deviation has been reported on: _____
 Submitted by: _____
 Title / Position: _____
 Signature: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.

Attachment A

The following state rule have been adopted by reference by the Indianapolis Air Pollution Control Board and are enforceable by Indianapolis Office of Environmental Services (OES) using local enforcement procedures.

- (1) 326 IAC 1-1-1 through 1-1-3 and 1-1-5;
- (2) 326 IAC 1-2-1 through 1-2-91 (In addition, the IAPCB has adopted several local definitions);
- (3) 326 IAC 1-3-1 through 1-3-4;
- (4) 326 IAC 1-4-1 (The IAPCB added to the adoption by reference a citation to 61 FR 58482 (November 15, 1996));
- (5) 326 IAC 1-5-1 through 1-5-5;
- (6) 326 IAC 1-6-1 through 1-6-6;
- (7) 326 IAC 1-7-1 through 1-7-5
- (8) 326 IAC 2-3-1 through 2-3-5;
- (9) 326 IAC 2-4-1 through 2-4-6;
- (10) 326 IAC 2-6-1 through 2-6-4;
- (11) 326 IAC 2-7-1 through 2-7-18, 2-7-20 through 2-7-25;
- (12) 326 IAC 2-8-1 through 2-8-15, 2-8-17 through 2-8-10;
- (13) 326 IAC 2-9-1 through 2-9-14;
- (14) 326 IAC 2-10-1 through 2-10-5 (The IAPCB adoption adds the language "state or local" immediately after the word "federal" in 326 IAC 2-10-1);
- (15) 326 IAC 2-11-1, 2-11-3 and 2-11-4 (The IAPCB adoption adds the language "federal, state or local" immediately after the word "by" in 326 IAC 2-11-1);
- (16) 326 IAC 3-1.1-1 through 3-1.1-5;
- (17) 326 IAC 3-2.1-1 through 3-2.1-5;
- (18) 326 IAC 3-3-1 through 3-3-5;
- (19) 326 IAC 4-2-1 through 4-2-2;
- (20) 326 IAC 5-1-1 (a), (b) and c) (5), 5-1-2 (1), (2)(A), (2)c) (4), 5-1-3 through 5-1-5, 5-1-7;
- (21) 326 IAC 7-1.1-1 and 7-1.1-2;
- (22) 326 IAC 7-2-1;
- (23) 326 IAC 7-3-1 and 7-3-2;
- (24) 326 IAC 7-4-2(28) through (31) (Instead of adopting by reference 7-4-2(1) through (27), the IAPCB regulation substitutes the same requirements listed in a format in which the companies are alphabetized and emission points known to no longer exist have been deleted);
- (25) 326 IAC 8-1-0.5 except (b), 8-1-1 through 8-1-2, 8-1-3 except c), (g) and (i), 8-1-5 through 8-1-12;
- (26) 326 IAC 8-2-1 through 8-2-12 (The IAPCB adoption by reference of 8-2- 5 adds additional language specific to Zimmer Paper Products, Incorporated as subpart c);
- (27) 326 IAC 8-3-1 through 8-3-7;
- (28) 326 IAC 8-4-1 through 8-4-5, 8-4-6 (a)(6), (a)(8) and (a)(14) and 8-4-6(b)(1), (b)(3) and 8-4-6c) (In place of 8-4-6(b)(2), which was not adopted, the IAPCB adopted language requiring a pressure relief valve set to release at no less than four and eight-tenths (4.8) Kilo Pascals (seven-tenths (0.7) pounds per square inch)), 8-4-7 except (e), 8-4-8 and 8-4-9;
- (29) 326 IAC 8-5-1 through 8-5-4, 8-5-5 except (a)(3) and (d)(3);
- (30) 326 IAC 8-6-1 and 8-6-2;
- (31) 326 IAC 9-1-1 and 9-1-2;
- (32) 326 IAC 11-1-1 through 11-1-2;
- (33) 326 IAC 11-2-1 through 11-2-3;
- (34) 326 IAC 11-3-1 through 11-3-6;
- (35) 326 IAC 14-1-1 through 14-1-4;

Attachment A continued

- (36) 326 IAC 14-2-1 except 40 CFR 61.145;
- (37) 326 IAC 14-3-1;
- (38) 326 IAC 14-4-1;
- (39) 326 IAC 14-5-1;
- (40) 326 IAC 14-6-1;
- (41) 326 IAC 14-7-1;
- (42) 326 IAC 14-8-1 through 14-8-5;
- (43) 326 IAC 15-1-1, 15-1-2(a)(1), (a)(2) and (a)(8), 15-1-3 and 15-1-4;
- (44) 326 IAC 20-1-1 through 20-1-4 (In 20-1-3(b)(2) the adoption states that "permitting authority" means the commissioner of IDEM or the administrator of OES, whichever is applicable);
- (45) 326 IAC 20-2-1;
- (46) 326 IAC 20-3-1;
- (47) 326 IAC 20-4-1;
- (48) 326 IAC 20-5-1;
- (49) 326 IAC 20-6-1;
- (50) 326 IAC 20-7-1;
- (51) 326 IAC 20-8-1;
- (52) 326 IAC 20-9-1;
- (53) 326 IAC 20-14-1;
- (54) 326 IAC 20-15-1;
- (55) 326 IAC 20-16-1;
- (56) 326 IAC 20-17-1;
- (57) 326 IAC 20-18-1;
- (58) 326 IAC 20-19-1;
- (59) 326 IAC 20-20-1;
- (60) 326 IAC 20-21-1;
- (61) 326 IAC 21-1-1 (The adoption states that "or the administrator of OES" is added in (b));
- (62) 326 IAC 22-1-1 (The adoption states that "or the administrator of OES" is added in (b)).