



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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NOTICE OF 30-DAY PERIOD FOR PUBLIC COMMENT

Preliminary Findings Regarding a
Significant Source Modification and a Significant Permit Modification
to a Part 70 Operating Permit

for Azteca Milling, LP in Vanderburgh County

Significant Source Modification No.: 163-36194-00107
Significant Permit Modification No.: 163-36306-00107

The Indiana Department of Environmental Management (IDEM) has received an application from Azteca Milling, LP, located at 15700 Highway 41 North, Evansville, Indiana, for a significant modification of its Part 70 Operating Permit issued on December 5, 2011. If approved by IDEM's Office of Air Quality (OAQ), this proposed modification would allow Azteca Milling, LP to make certain changes at its existing source. Azteca Milling, LP has applied to add corn storage bins, and will replace a baghouse in the corn receiving and pre-cleaning area. The source has identified units in the permit that have never been constructed or have been removed from service.

The applicant intends to operate new equipment that will emit air pollutants; therefore, the permit contains new or different permit conditions. In addition, some conditions from previously issued permits/approvals have been corrected, changed, or removed. These corrections, changes, and removals may include Title I changes (e.g., changes that add or modify synthetic minor emission limits). IDEM has reviewed this application and has developed preliminary findings, consisting of a draft permit and several supporting documents, which would allow the applicant to make this change.

IDEM is aware that the corn storage bins were constructed prior to receipt of the proper permit. IDEM is reviewing this matter and will take appropriate action. The draft documents contain provisions to bring unpermitted equipment into compliance with construction permit rules.

A copy of the permit application and IDEM's preliminary findings are available at:

Evansville Vanderburgh Central Library
200 SE Martin Luther King Jr. Blvd.
Evansville, IN 47713

and

IDEM Southwest Regional Office
1120 N. Vincennes Avenue
P.O. Box 128
Petersburg, IN 47567-0128

A copy of the preliminary findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.

How can you participate in this process?

The date that this notice is published in a newspaper marks the beginning of a 30-day public comment period. If the 30th day of the comment period falls on a day when IDEM offices are closed for business, all comments must be postmarked or delivered in person on the next business day that IDEM is open.

You may request that IDEM hold a public hearing about this draft permit. If adverse comments concerning the **air pollution impact** of this draft permit are received, with a request for a public hearing, IDEM will decide whether or not to hold a public hearing. IDEM could also decide to hold a public meeting instead of, or in addition to, a public hearing. If a public hearing or meeting is held, IDEM will make a separate announcement of the date, time, and location of that hearing or meeting. At a hearing,

you would have an opportunity to submit written comments and make verbal comments. At a meeting, you would have an opportunity to submit written comments, ask questions, and discuss any air pollution concerns with IDEM staff.

Comments and supporting documentation, or a request for a public hearing should be sent in writing to IDEM at the address below. If you comment via e-mail, please include your full U.S. mailing address so that you can be added to IDEM's mailing list to receive notice of future action related to this permit. If you do not want to comment at this time, but would like to receive notice of future action related to this permit application, please contact IDEM at the address below. Please refer to permit numbers SSM 163-36194-00107 and SPM 163-36306-00107 in all correspondence.

Comments should be sent to:

Jean Fix
IDEM, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for extension 4-8531
Or dial directly: (317) 234-8531
Fax: (317) 232-6749 attn: Jean Fix
E-mail: jfix@idem.IN.gov

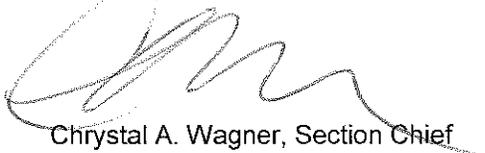
All comments will be considered by IDEM when we make a decision to issue or deny the permit. Comments that are most likely to affect final permit decisions are those based on the rules and laws governing this permitting process (326 IAC 2), air quality issues, and technical issues. IDEM does not have legal authority to regulate zoning, odor, or noise. For such issues, please contact your local officials.

For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Permit Guide on the Internet at: <http://www.in.gov/idem/5881.htm>; and the Citizens' Guide to IDEM on the Internet at: <http://www.in.gov/idem/6900.htm>.

What will happen after IDEM makes a decision?

Following the end of the public comment period, IDEM will issue a Notice of Decision stating whether the permit has been issued or denied. If the permit is issued, it may be different than the draft permit because of comments that were received during the public comment period. If comments are received during the public notice period, the final decision will include a document that summarizes the comments and IDEM's response to those comments. If you have submitted comments or have asked to be added to the mailing list, you will receive a Notice of the Decision. The notice will provide details on how you may appeal IDEM's decision, if you disagree with that decision. The final decision will also be available on the Internet at the address indicated above, at the local library indicated above, at the IDEM Regional Office indicated above, and the IDEM public file room on the 12th floor of the Indiana Government Center North, 100 N. Senate Avenue, Indianapolis, Indiana 46204-2251.

If you have any questions, please contact Jean Fix of my staff at the above address.



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



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Dana Harrison
Azteca Milling, LP
PO Box 23550
Evansville, IN 47724

Re: 163-36306-00107
Significant Permit Modification to
Part 70 Renewal No.: T163-30167-00107

Dear Dana Harrison:

Azteca Milling, LP was issued Part 70 Operating Permit Renewal No. T163-30167-00107 on December 5, 2011 for a stationary wet corn milling operation located at 15700 Highway 41 North, Evansville, Indiana. An application requesting changes to this permit was received on August 27, 2015. Pursuant to the provisions of 326 IAC 2-7-12, a Significant Permit Modification to this permit is hereby approved as described in the attached Technical Support Document.

Please find attached the entire Part 70 Operating Permit as modified, including the following new attachment(s):

Attachment B: 40 CFR 60, Subpart DD New Source Performance Standards of Performance for Grain Elevators

The permit references the below listed attachment. Since this attachment has been provided in previously issued approvals for this source, IDEM OAQ has not included a copy of this attachment with this modification:

Attachment A: 40 CFR Part 60, Subpart Dc- New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units

Previously issued approvals for this source containing these attachments are available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.

Federal rules under Title 40 of United States Code of Federal Regulations may also be found on the U.S. Government Printing Office's Electronic Code of Federal Regulations (eCFR) website, located on the Internet at: http://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40tab_02.tpl.

A copy of the permit is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Permit Guide on the Internet at: <http://www.in.gov/idem/5881.htm>; and the Citizens' Guide to IDEM on the Internet at: <http://www.in.gov/idem/6900.htm>.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5.

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If you have any questions on this matter, please contact Jean Fix, of my staff, OAQ, 100 North Senate Avenue, MC 61-53 IGCM 1003, Indianapolis, Indiana, 46204-2251 at 317-234-8531 or 1-800-451-6027, and ask for extension 4-8531.

Sincerely,

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

Attachments: Modified Permit and Technical Support Document

cc: File - Vanderburgh County
Vanderburgh County Health Department
U.S. EPA, Region 5
Compliance and Enforcement Branch
IDEM Southwest Regional Office



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Part 70 Operating Permit Renewal
OFFICE OF AIR QUALITY

Azteca Milling, L.P.
15700 Highway 41 North
Evansville, Indiana 47725

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

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

Operation Permit No.: T163-30167-00107	
Issued by: Original Signed Donald F. Robin, P.E., Section Chief Permits Branch, Office of Air Quality	Issuance Date: December 5, 2011 Expiration Date: December 5, 2016

Administrative Amendment No. 163-34092-00107, issued on February 14, 2014.

Significant Permit Modification No.: 163-36306-00107	
Issued by: Chrystal Wagner, Section Chief, Permits Branch Office of Air Quality	Issuance Date: Expiration Date: December 5, 2016

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Attachment B 40 CFR Part 60, Subpart DD - New Source Performance Standards of Performance for Grain Elevators

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary wet corn milling operation producing corn flour at a maximum rate of 320,000 metric tons per year.

Source Address:	15700 Highway 41 North, Evansville, Indiana, 47725
General Source Phone Number:	(812) 867-3190
SIC Code:	2046
County Location:	Vanderburgh
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source, under PSD Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

**A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]
[326 IAC 2-7-5(14)]**

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

- (a) two (2) natural gas-fired steam boilers, identified as Unit 1 Boiler and Unit 2 Boiler, constructed in 1995 and 1996 respectively, each rated at 10.46 million (MM) British thermal units (Btu) per hour, each exhausting through one (1) stack (ID Stacks 7 and 107), respectively;
- (b) two (2) natural gas-fired steam boilers, identified as, Unit 3 Boiler and Unit 4 Boiler, both constructed in 2004, each rated at 10.46 million (MM) British thermal units (Btu) per hour, each exhausting through separate stacks (ID Stacks 207 and 307), respectively;

Under NSPS 40 CFR 60, Subpart Dc, the four (4) natural gas-fired steam boilers, identified as Unit 1 Boiler, Unit 2 Boiler, Unit 3 Boiler and Unit 4 Boiler are considered new stationary boilers because the construction of the four (4) natural gas-fired steam boilers commenced after June 9, 1989.

- (c) one (1) corn receiving pit with hood, identified as Corn Receiving Pit A, constructed in 1995, exhausting through stack (ID Stack 1), located in an enclosed building, with a maximum capacity of 223.77 tons per hour, equipped with a grain scalper A to remove foreign material from the corn, with a baghouse (ID B2) for particulate matter control, exhausting through one (1) stack (ID Stack 2), and then, with a second baghouse (ID B102) shared with Corn Receiving Pit scalper B, exhausting through one (1) stack (ID Stack 102);
- (d) one (1) corn receiving pit with hood, identified as Corn Receiving Pit B, located in an enclosed building, with a maximum capacity of 223.77 tons per hour, exhausting through stack (ID Stack 101), equipped with a grain scalper B to remove foreign material from the corn, with a baghouse (ID B102) for particulate matter control, exhausting through its own stack (ID Stack 102);

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- (e) one (1) corn receiving pit with hood, identified as Corn Receiving Pit C, approved in 2016 for construction, exhausting through stack (ID Stack 206), located in an enclosed building, with a maximum capacity of 223.77 tons per hour, equipped with a grain scalper C to remove foreign material from the corn, with a baghouse (ID B106) for particulate matter control, exhausting through one (1) stack (ID Stack 106);
- (f) Corn cleaning operation, consisting of six (6) corn screeners/cleaners:
 - (1) Two (2) corn cleaners, identified as Unit 1 Screener and Unit 2 Screener, used for first step cleaning, constructed in 1995 and 1996 respectively, one with a maximum capacity of 33.07 tons per hour and the other one with a maximum capacity of 110.23 tons per hour, controlled by a cyclone in series with a baghouse (ID B1) for particulate matter control, exhausting through one (1) stack (ID Stack 6);
 - (2) Four (4) corn screeners/cleaners, identified as Unit 3 Screener with a capacity of 13.78 tons per hour, controlled by a cyclone in series with a baghouse, ID B11; Unit 4 Screener with a capacity of 13.8 tons per hour, controlled by a cyclone in series with a baghouse, ID B12; Unit 5 Screener with a capacity of 13.8 tons per hour, controlled by a cyclone in series with a baghouse, ID B13; and Unit 6 Screener with a capacity of 13.8 tons per hour, controlled by a cyclone in series with a baghouse, ID B14, each is used for second step cleaning, permitted in 2009. All baghouses are exhausting through one (1) stack (ID Stack 6).
 - (3) Three (3) clean corn storage bins, identified as E, F and G, that service all four (4) lines, 1-4, each has a capacity of 8,800 cubic feet, controlled by baghouse B1, exhausting through stack 6.
 - (4) Four (4) corn hoppers and two (2) hopper scales, each has a throughput rate of 5,000 pounds per hour, controlled by baghouse B1, exhausting through stack 6.
- (g) one (1) lime bin system, constructed in 1995, with a maximum throughput capacity of 24.8 tons, using a baghouse (ID B2) for particulate matter control, exhausting through one (1) stack (ID Stack 9);
- (h) one (1) lime bin system, with a maximum throughput capacity of 24.8 tons per hour, using a baghouse (ID Baghouse) for particulate matter control, exhausting through one (1) stack (ID Stack 209);
- (i) one (1) drying line, identified as C101, constructed in 1995, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 1, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 10);
- (j) one (1) drying line, identified as C102, constructed in 1996, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 2, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 110);
- (k) one (1) drying line, identified as C201, constructed in 1995, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 1, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 11);

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- (l) one (1) drying line, identified as C202, constructed in 1996, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 2, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 111);
- (m) one (1) drying line, identified as C103, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 3, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 210);
- (n) one (1) drying line, identified as C104, approved in 2016 for construction, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 4, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 310);
- (o) one (1) drying line, identified as C203, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 3, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 211);
- (p) one (1) drying line, identified as C204, approved in 2016 for construction, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 4, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 311);
- (q) one (1) flour cooler, identified as FC1, constructed in 1995, with a maximum capacity of 10.27 tons per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 12);
- (r) one (1) flour cooler, identified as FC2, constructed 1996, with a maximum capacity of 10.27 tons per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 112);
- (s) one (1) flour cooler, identified as FC3, with a maximum capacity of 10.27 tons per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 212);
- (t) one (1) flour cooler, identified as FC4, approved in 2016 for construction, with a maximum capacity of 10.27 tons per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 312);
- (u) one (1) flour sifter system, identified as FS1, constructed in 1995, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B3) for particulate matter control, exhausting through one (1) stack (ID Stack 13);
- (v) one (1) flour sifter system, identified as FS2, constructed in 1996, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B4) for particulate matter control, exhausting through one (1) stack (ID Stack 113);
- (w) one (1) flour sifter system, identified as FS3, with a maximum capacity of 10.27 tons per hour, with three (3) separate steps, each using a baghouse for particulate matter control, exhausting through three (3) stacks (ID Stack 254, 255, & 256);

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- (x) one (1) flour sifter system, identified as FS4, with a maximum capacity of 10.27 tons per hour, with three (3) separate steps, each using a baghouse for particulate matter control, exhausting through three (3) stacks (ID Stack 354, 355, & 356);
- (y) one (1) milled and dried flour unit, identified as MDF1, constructed in 1995, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B5) for particulate matter control, exhausting through one (1) stack (ID Stack 14);
- (z) one (1) milled and dried flour unit, identified as MDF2, constructed in 1996, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B6) for particulate matter control, exhausting through one (1) stack (ID Stack 114);
- (aa) one (1) milled and dried flour unit, identified as MDF3, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B) for particulate matter control, exhausting through one (1) stack (ID Stack 214);
- (bb) one (1) milled and dried flour unit, identified as MDF4, approved in 2016 for construction, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B) for particulate matter control, exhausting through one (1) stack (ID Stack 314);
- (cc) one (1) corn skin separator, identified as CSS1, constructed in 1995, with a maximum capacity of 0.647 ton per hour, using a baghouse (ID B8) for particulate matter control, exhausting through one (1) stack (ID Stack 40);
- (dd) one (1) pair of corn skin separators, identified as CSS2N and CSS2S, constructed in 1996, each with a maximum capacity of 0.323 ton per hour, each using a baghouse (ID B9N and B9S, respectively) for particulate matter control, each exhausting through one (1) stack (ID Stacks 140N and 140S, respectively);
- (ee) one (1) pair of corn skin separators, identified as CSS3N and CSS3S, each with a maximum capacity of 0.647 ton per hour, each using a baghouse (IDs BN and BS respectively) for particulate matter control, exhausting through one stack (IDs Stack 240N and 240S respectively);
- (ff) one (1) pair of corn skin separators, identified as CSS4N and CSS4S, unit CSS4N with a maximum capacity of 0.647 ton per hour and unit CSS4S with a maximum capacity of 0.323 ton per hour, each using a baghouse (ID BN and BS, respectively) for particulate matter control, each exhausting through one (1) stack (ID Stacks 340N and 340S, respectively).
- (gg) one (1) corn skin storage system, constructed in 1995, with a maximum capacity of 1.43 tons per hour, using a baghouse (ID B9) for PM control, exhausting through one (1) stack (ID Stack 15);
- (hh) one (1) rail loading system, constructed in 1995, with a maximum capacity of 24 tons per hour, with a three way valve leading to three flexible lines, using a pneumatic filtering device (ID B10) for particulate matter control, exhausting indoors (ID Stack 49);
- (ii) one (1) truck loading system, constructed in 2002, sharing a pneumatic filtering device with the rail loading system for particulate matter control, exhausting indoors;
- (jj) two (2) natural gas fired grain dryers, identified as GD-3 and GD-6, approved in 2016 for construction, each with a maximum capacity of 73.3 tons per hour and each with a maximum heat input rate of 16.80 mm Btu per hour, each exhausting through separate stacks (ID Stacks 3 and 103), respectively;

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- (kk) two (2) rework mill cooling fans, each exhausting through separate stacks (ID Stacks 253 and 353), respectively, each with a maximum capacity of 10.27 tons per hour;
- (ll) nine (9) corn storage bins, identified as Units 90-98, constructed in 2011 and permitted in 2016, for corn storage after receiving pit scalping but before cleaning, with a maximum capacity of 223.77 tons per hour, each bin with seven (7) exhauster vents, identified with their corresponding bin as Vent 90-1, 90-2, etc., using mesh screens for PM control, and no other particulate matter control measure.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)]
[326 IAC 2-7-5(14)]

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

- (a) Other categories with PM and PM10 emissions below insignificant thresholds:
 - (1) twenty-four (24) flour storage bins with a maximum capacity of 1.55 tons per hour, each with one (1) baghouse for PM emissions control, each exhausting through one stack (ID Stacks 16 through 39). [326 IAC 6.5-1-2]
 - (2) twenty-four (24) flour storage bins with a maximum capacity of 1.55 tons per hour, each with one (1) baghouse for PM, each exhausting through one stack (ID Stacks 55 through 78); [326 IAC 6.5-1-2]
 - (3) a pneumatic conveying system for collection of flour from storage bins with a maximum capacity of 24 tons per hour, with six (6) baghouses for PM emissions control, exhausting through six (6) stacks (ID Stacks 43 through 48), respectively. [326 IAC 6.5-1-2]
 - (4) a pneumatic conveying system for collection of flour from storage bins with a maximum capacity of 24 tons per hour, with two (2) baghouses for PM emissions control, exhausting through two (2) stacks (ID Stacks 251 and 252); [326 IAC 6.5-1-2]
 - (5) two (2) rework bins with a maximum capacity of 0.41 tons per hour, each with one (1) baghouse for PM emissions control, each exhausting through one (1) stack (ID Stacks 41 and 42). [326 IAC 6.5-1-2]
 - (6) two (2) rework bins with a maximum capacity of 0.41 tons per hour, each with one (1) baghouse for PM emissions control, each exhausting through one (1) stack (ID Stacks 241 and 242); [326 IAC 6.5-1-2]
 - (7) one (1) ingredients hopper with a maximum capacity of 1.2 tons per hour, with one (1) baghouse for PM emissions control exhausting through one (1) stack (ID Stack 53). [326 IAC 6.5-1-2]
 - (8) two (2) packaging machines with a maximum capacity of 24 tons per hour, with one (1) baghouse for PM emissions control, exhausting through one (1) stack (ID Stack 50). [326 IAC 6.5-1-2]
 - (9) two (2) packaging machines, with two (2) baghouses for PM emissions control, exhausting through two (2) stacks (ID Stacks 253 and 353) respectively. [326 IAC 6.5-1-2]
 - (10) sack dumping with a maximum capacity of 24 tons per hour, exhausting indoors through one (1) stack (ID Stack 54). [326 IAC 6.5-1-2]

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- (11) two (2) lime hoppers, each with a maximum throughput capacity of 8.3 metric tons per hour, each exhausting through one (1) stack (ID Stacks 8 and 108). [326 IAC 6.5-1-2]
- (12) two (2) lime hoppers, each with a maximum throughput capacity of 8.3 metric tons per hour, each exhausting through one (1) stack (ID Stacks 208 and 308); [326 IAC 6.5-1-2]
- (13) one (1) corn impurity waste load out, identified as Unit 81, permitted in 2016, with a maximum capacity of 7.24 tons per hour, using a nylon sock chute for PM control, exhausting through one (1) stack (ID Stack 81);
- (14) two (2) corn skin waste load outs, identified as Unit 82 South and 83 North, permitted in 2016, with a maximum capacity of 7.009 tons per hour, using a nylon sock chute for PM control, each exhausting through one (1) stack (ID Stack 82 and Stack 83);

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).

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SECTION B GENERAL CONDITIONS

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

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

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

- (a) This permit, T163-30167-00107, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

B.4 Enforceability [326 IAC 2-7-7] [IC 13-17-12]

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

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

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

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

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

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

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

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

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

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- (1) it contains a certification by a "responsible official" as defined by 326 IAC 2-7-1(35), and
 - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
 - (c) A "responsible official" is defined at 326 IAC 2-7-1(35).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than April 15 of each year to:

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

and

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

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

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The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(12)] [326 IAC 1-6-3]

(a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

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

The Permittee shall implement the PMPs.

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

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

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

The Permittee shall implement the PMPs.

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- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
 - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, or Southwest Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Southwest Regional Office phone: (812) 380-2305; fax: (812) 380-2304.
 - (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

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

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

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

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

The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(8) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

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

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

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

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- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]

- (a) All terms and conditions of permits established prior to T163-30167-00107 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]

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

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B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

Request for renewal shall be submitted to:

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

- (b) A timely renewal application is one that is:
- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

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- (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.17 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]

- (a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

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

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).
- (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.18 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12(b)(2)]

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

B.19 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b) or (c) without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

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

(4) The Permittee notifies the:

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

and

United States Environmental Protection Agency, Region 5
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

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

(5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b) or (c). The Permittee shall make such records available, upon reasonable request, for public review.

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

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

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- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

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

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

B.21 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]

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

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

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

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

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Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

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

B.24 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

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SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Opacity [326 IAC 5-1]

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

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

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

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.5 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. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

C.6 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:

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

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Licensed Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

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

C.7 Performance Testing [326 IAC 3-6]

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

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

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

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.8 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.9 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

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

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

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

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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.

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C.10 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

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

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

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

C.12 Risk Management Plan [326 IAC 2-7-5(11)] [40 CFR 68]

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

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

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

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

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- (2) review of operation and maintenance procedures and records; and/or
- (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall record the reasonable response steps taken.

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

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

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

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

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

- (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
- (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(33) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

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

The emission statement does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

C.16 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring

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sample, measurement, report, or application. Support information includes the following, where applicable:

- (AA) All calibration and maintenance records.
- (BB) All original strip chart recordings for continuous monitoring instrumentation.
- (CC) Copies of all reports required by the Part 70 permit.

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

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

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

- (b) Unless otherwise specified in this permit, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.
- (c) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A), 326 IAC 2-2-8 (b)(6)(B), 326 IAC 2-3-2 (l)(6)(A), and/or 326 IAC 2-3-2 (l)(6)(B)) that a "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:
 - (1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, document and maintain the following records:
 - (A) A description of the project.
 - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
 - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
 - (i) Baseline actual emissions;
 - (ii) Projected actual emissions;
 - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(pp)(2)(A)(iii) and/or 326 IAC 2-3-1 (kk)(2)(A)(iii); and

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- (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (d) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A) and/or 326 IAC 2-3-2 (l)(6)(A)) that a "project" (as defined in 326 IAC 2-2-1(o) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:
 - (1) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
 - (2) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.17 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]

-
- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
 - (b) The address for report submittal is:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
 - (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
 - (d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

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- (e) If the Permittee is required to comply with the recordkeeping provisions of (d) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:
- (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C - General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1 (ww) and/or 326 IAC 2-3-1 (pp), for that regulated NSR pollutant, and
 - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).
- (f) The report for project at an existing emissions unit shall be submitted no later than sixty (60) days after the end of the year and contain the following:
- (1) The name, address, and telephone number of the major stationary source.
 - (2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C - General Record Keeping Requirements.
 - (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).
 - (4) Any other information that the Permittee wishes to include in this report such as an explanation as to why the emissions differ from the preconstruction projection.

Reports required in this part shall be submitted to:

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

- (g) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C - General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

Stratospheric Ozone Protection

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

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

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SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(14)]

- (a) two (2) natural gas-fired steam boilers, identified as Unit 1 Boiler and Unit 2 Boiler, constructed in 1995 and 1996 respectively, each rated at 10.46 million (MM) British thermal units (Btu) per hour, each exhausting through one (1) stack (ID Stacks 7 and 107), respectively;
- (b) two (2) natural gas-fired steam boilers, identified as, Unit 3 Boiler and Unit 4 Boiler, each rated at 10.46 million (MM) British thermal units (Btu) per hour, each exhausting through separate stacks (ID Stacks 207 and 307), 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.1.1 Particulate Matter [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2(b), particulate matter emissions from each of the four (4) boilers (ID Unit 1 Boiler, Unit 2 Boiler, Unit 3 Boiler and Unit 4 Boiler) shall be limited to no greater than 0.01 gr/dscf.

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SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(14)]

- (c) one (1) corn receiving pit with hood, identified as Corn Receiving Pit A, constructed in 1995, exhausting through stack (ID Stack 1), located in an enclosed building, with a maximum capacity of 223.77 tons per hour, equipped with a grain scalper A to remove foreign material from the corn, with a baghouse (ID B2) for particulate matter control, exhausting through one (1) stack (ID Stack 2), and then, with a second baghouse (ID B102) shared with Corn Receiving Pit scalper B, exhausting through one (1) stack (ID Stack 102);
- (d) one (1) corn receiving pit with hood, identified as Corn Receiving Pit B, located in an enclosed building, with a maximum capacity of 223.77 tons per hour, exhausting through stack (ID Stack 101), equipped with a grain scalper B to remove foreign material from the corn, with a baghouse (ID B102) for particulate matter control, exhausting through its own stack (ID Stack 102);
- (e) one (1) corn receiving pit with hood, identified as Corn Receiving Pit C, approved in 2016 for construction, exhausting through stack (ID Stack 206), located in an enclosed building, with a maximum capacity of 223.77 tons per hour, equipped with a grain scalper C to remove foreign material from the corn, with a baghouse (ID B106) for particulate matter control, exhausting through one (1) stack (ID Stack 106);
- (f) Corn cleaning operation, consisting of six (6) corn screeners/cleaners:
 - (1) Two (2) corn cleaners, identified as Unit 1 Screener and Unit 2 Screener, used for first step cleaning, constructed in 1995 and 1996 respectively, one with a maximum capacity of 33.07 tons per hour and the other one with a maximum capacity of 110.23 tons per hour, controlled by a cyclone in series with a baghouse (ID B1) for particulate matter control, exhausting through one (1) stack (ID Stack 6);
 - (2) Four (4) corn screeners/cleaners, identified as Unit 3 Screener with a capacity of 13.78 tons per hour, controlled by a cyclone in series with a baghouse, ID B11; Unit 4 Screener with a capacity of 13.8 tons per hour, controlled by a cyclone in series with a baghouse, ID B12; Unit 5 Screener with a capacity of 13.8 tons per hour, controlled by a cyclone in series with a baghouse, ID B13; and Unit 6 Screener with a capacity of 13.8 tons per hour, controlled by a cyclone in series with a baghouse, ID B14, each is used for second step cleaning, permitted in 2009. All baghouses are exhausting through one (1) stack (ID Stack 6).
 - (3) Three (3) clean corn storage bins, identified as E, F and G, that service all four (4) lines, 1-4, each has a capacity of 8,800 cubic feet, controlled by baghouse B1, exhausting through stack 6.
 - (4) Four (4) corn hoppers and two (2) hopper scales, each has a throughput rate of 5,000 pounds per hour, controlled by baghouse B1, exhausting through stack 6.
- (g) one (1) lime bin system, constructed in 1995, with a maximum throughput capacity of 24.8 tons, using a baghouse (ID B2) for particulate matter control, exhausting through one (1) stack (ID Stack 9);
- (h) one (1) lime bin system, with a maximum throughput capacity of 24.8 tons per hour, using a baghouse (ID Baghouse) for particulate matter control, exhausting through one (1) stack (ID Stack 209);

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- (i) one (1) drying line, identified as C101, constructed in 1995, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 1, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 10);
- (j) one (1) drying line, identified as C102, constructed in 1996, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 2, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 110);
- (k) one (1) drying line, identified as C201, constructed in 1995, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 1, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 11);
- (l) one (1) drying line, identified as C202, constructed in 1996, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 2, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 111);
- (m) one (1) drying line, identified as C103, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 3, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 210);
- (n) one (1) drying line, identified as C104, approved in 2016 for construction, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 4, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 310);
- (o) one (1) drying line, identified as C203, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 3, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 211);
- (p) one (1) drying line, identified as C204, approved in 2016 for construction, with a maximum capacity of 10.27 tons per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 4, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 311);
- (q) one (1) flour cooler, identified as FC1, constructed in 1995, with a maximum capacity of 10.27 tons per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 12);
- (r) one (1) flour cooler, identified as FC2, constructed 1996, with a maximum capacity of 10.27 tons per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 112);
- (s) one (1) flour cooler, identified as FC3, with a maximum capacity of 10.27 tons per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 212);

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- (t) one (1) flour cooler, identified as FC4, approved in 2016 for construction, with a maximum capacity of 10.27 tons per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 312);
- (u) one (1) flour sifter system, identified as FS1, constructed in 1995, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B3) for particulate matter control, exhausting through one (1) stack (ID Stack 13);
- (v) one (1) flour sifter system, identified as FS2, constructed in 1996, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B4) for particulate matter control, exhausting through one (1) stack (ID Stack 113);
- (w) one (1) flour sifter system, identified as FS3, with a maximum capacity of 10.27 tons per hour, with three (3) separate steps, each using a baghouse for particulate matter control, exhausting through three (3) stacks (ID Stack 254, 255, & 256);
- (x) one (1) flour sifter system, identified as FS4, with a maximum capacity of 10.27 tons per hour, with three (3) separate steps, each using a baghouse for particulate matter control, exhausting through three (3) stacks (ID Stack 354, 355, & 356);
- (y) one (1) milled and dried flour unit, identified as MDF1, constructed in 1995, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B5) for particulate matter control, exhausting through one (1) stack (ID Stack 14);
- (z) one (1) milled and dried flour unit, identified as MDF2, constructed in 1996, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B6) for particulate matter control, exhausting through one (1) stack (ID Stack 114);
- (aa) one (1) milled and dried flour unit, identified as MDF3, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B) for particulate matter control, exhausting through one (1) stack (ID Stack 214);
- (bb) one (1) milled and dried flour unit, identified as MDF4, approved in 2016 for construction, with a maximum capacity of 10.27 tons per hour, using a baghouse (ID B) for particulate matter control, exhausting through one (1) stack (ID Stack 314);
- (cc) one (1) corn skin separator, identified as CSS1, constructed in 1995, with a maximum capacity of 0.647 ton per hour, using a baghouse (ID B8) for particulate matter control, exhausting through one (1) stack (ID Stack 40);
- (dd) one (1) pair of corn skin separators, identified as CSS2N and CSS2S, constructed in 1996, each with a maximum capacity of 0.323 ton per hour, each using a baghouse (ID B9N and B9S, respectively) for particulate matter control, each exhausting through one (1) stack (ID Stacks 140N and 140S, respectively);
- (ee) one (1) pair of corn skin separators, identified as CSS3N and CSS3S, each with a maximum capacity of 0.647 ton per hour, each using a baghouse (IDs BN and BS respectively) for particulate matter control, exhausting through one stack (IDs Stack 240N and 240S respectively);
- (ff) one (1) pair of corn skin separators, identified as CSS4N and CSS4S, unit CSS4N with a maximum capacity of 0.647 ton per hour and unit CSS4S with a maximum capacity of 0.323 ton per hour, each using a baghouse (ID BN and BS, respectively) for particulate matter control, each exhausting through one (1) stack (ID Stacks 340N and 340S, respectively).

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- (gg) one (1) corn skin storage system, constructed in 1995, with a maximum capacity of 1.43 tons per hour, using a baghouse (ID B9) for PM control, exhausting through one (1) stack (ID Stack 15);
 - (hh) one (1) rail loading system, constructed in 1995, with a maximum capacity of 24 tons per hour, with a three way valve leading to three flexible lines, using a pneumatic filtering device (ID B10) for particulate matter control, exhausting indoors (ID Stack 49);
 - (ii) one (1) truck loading system, constructed in 2002, sharing a pneumatic filtering device with the rail loading system for particulate matter control, exhausting indoors;
 - (jj) two (2) natural gas fired grain dryers, identified as GD-3 and GD-6, approved in 2016 for construction, each with a maximum capacity of 73.3 tons per hour and each with a maximum heat input rate of 16.80 mm Btu per hour, each exhausting through separate stacks (ID Stacks 3 and 103), respectively;
 - (kk) two (2) rework mill cooling fans, each exhausting through separate stacks (ID Stacks 253 and 353), respectively, each with a maximum capacity of 10.27 tons per hour;
 - (ll) nine (9) corn storage bins, identified as Units 90-98, constructed in 2011 and permitted in 2016, for corn storage after receiving pit scalping but before cleaning, with a maximum capacity of 223.77 tons per hour, each bin with seven (7) exhausters vents, identified with their corresponding bin as Vent 90-1, 90-2, etc., using mesh screens for PM control, and no other particulate matter control measure.
- (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 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2(a) (Vanderburgh County Particulate Limitations), particulate matter (PM) emissions from the facilities listed below shall be limited to 0.03 grains per dry standard cubic foot (gr/dscf):

Facility ID
Corn Receiving & Screening (Unit 1 and 2 Screeners)
Unit 3 Screener
Unit 4 Screener
Unit 5 Screener
Unit 6 Screener
Grain Receiving Pit A Hood
Grain Receiving Pit B Hood
Grain Receiving Pit C Hood
Grain Receiving Pit A Scalper
Grain Receiving Pit B Scalper
Grain Receiving Pit C Scalper
Lime Hopper System
Lime Bin System
Drying Line C101
Drying Line C102
Drying Line C103
Drying Line C104

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Facility ID
Drying Line C201
Drying Line C202
Drying Line C203
Drying Line C204
Rework Mill Cooling Fan I
Rework Mill Cooling Fan II
Flour Cooler FC1
Flour Cooler FC2
Flour Cooler FC3
Flour Cooler FC4
Flour Sifter System FS1
Flour Sifter System FS2
Flour Sifter System FS3 (Step1)
Flour Sifter System FS3 (Step2)
Flour Sifter System FS3 (Step3)
Flour Sifter System FS4 (Step1)
Flour Sifter System FS4 (Step2)
Flour Sifter System FS4 (Step3)
Milled & Dried Flour Unit MDF1
Milled & Dried Flour Unit MDF2
Milled & Dried Flour Unit MDF3
Milled & Dried Flour Unit MDF4
Corn Skin Separators CSS1
Corn Skin Separators CSS2N
Corn Skin Separators CSS2S
Corn Skin Separators CSS3N
Corn Skin Separators CSS3S
Corn Skin Separators CSS4N
Corn Skin Separators CSS4S
Corn Skin Storage System
Rail Loading System
Nine (9) Corn Storage Bins ID 90-98

D.2.2 Particulate Matter Emissions Prevention of Significant Deterioration (PSD) Minor Limits [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 not applicable with respect to PM emissions, the combined Particulate Matter emissions from the four (4) screeners/cleaners, Unit 3 Screener, controlled by cyclone/baghouse, ID B11; Unit 4 Screener, controlled by cyclone/baghouse, ID B12; Unit 5 Screener, controlled by cyclone/baghouse, ID B13 and Unit 6 Screener controlled by cyclone/baghouse, ID B14 shall be limited to 5.6 pounds per hour.

D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

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

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

D.2.4 Particulate Control

In order to demonstrate compliance with Conditions D.2.1 and D.2.2:

- (a) the baghouses for PM control shall be in operation and control emissions from the corn receiving and screening pits, the corn screeners/cleaners (Unit 1 through 6 Screeners),

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three (3) grain receiving pit hoods, A, B, and C, three (3) grain receiving pit scalpers, A, B, and C, one (1) lime bin system, one (1) lime hopper system, four (4) milled and dried flour units, MFD1, MFD2, MDF3 and MDF4, four (4) flour sifter systems, FS1, FS2, FS3 and FS4, two (2) rework mill cooling fans and seven (7) corn skin separators, CSS1, CSS2N, CSS2S, CSS3N, CSS3S, CSS4N and CSS4S, and the corn skin storage system at all times that these facilities are in operation.

- (b) The cyclones shall be in operation and control emissions from the eight (8) drying lines, C101, C102, C103, C104, C201, C202, C203 and C204 and the four (4) flour coolers, FC1, FC2, FC3 and FC4 at all times that these facilities are in operation.
- (c) The cartridge filter shall be in operation and control emissions from the rail loading system at all times that the rail loading system is in operation.
- (d) The nylon sock chute sleeve or boot shall be in operation and control emissions from the corn impurity waste load out, Unit 81, and the two (2) corn skin waste load outs Units 82 and 83, at all times that these facilities are in operation.
- (e) The vent mesh screens shall be in operation and control emissions from the nine (9) corn storage bins, units 90-98, at all times that these facilities are in operation.

D.2.5 Testing Requirements [326 IAC 2-7-6(1), (6)] [326 IAC 2-1.1-11]

- (a) In order to demonstrate compliance with Condition D.2.1, the Permittee shall perform PM testing on baghouse 1 (Stack 1), the Unit 1, Drying First Circuit Cyclone (Stack 10), the Unit 1, Drying Second Circuit Cyclone (Stack 11), the Unit 3, Drying First Circuit Cyclone (Stack 210), the Unit 3, Drying Second Circuit Cyclone (Stack 211), the Flour Cooler Cyclone (Stack 12), baghouse B8 (Stack 40), and baghouse B9 (Stack 15), the Flour Cooler Cyclone (Stack 212) and the baghouse BN (Stack 240N) utilizing methods as approved by the Commissioner at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.
- (b) In order to demonstrate compliance with Condition D.2.2, the Permittee shall perform PM testing on across each baghouse associated with Screeners/Cleaners 3 through 6, to demonstrate compliance utilizing methods as approved by the Commissioner at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C - Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

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

D.2.6 Visible Emissions Notations [40 CFR Part 64]

- (a) Daily visible emission notations of the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6 and each of the Flour Drying Line cyclone stacks identified as Stacks 10, 110, 210 and 310 shall be performed 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

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counting startup or shut down time.

- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

This condition satisfies the monitoring requirements under 40 CFR 64.1, CAM or Compliance Assurance Monitoring, for the following units: the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6.

D.2.7 Baghouse Parametric Monitoring [40 CFR Part 64]

The Permittee shall record the pressure drop across baghouse, ID B11, controlling Unit 3 Screener; baghouse ID B12, controlling Unit 4 Screener; baghouse ID B13, controlling Unit 5 Screener and baghouse ID B14, controlling Unit 6 Screener, at least once per day when the process is in operation. When, for any one reading, the pressure drop across baghouse ID B11, ID B12, ID B13 or ID B14 is outside of the normal range, the Permittee shall take a reasonable response. The normal range for each of these units is a pressure drop between 0.5 and 8.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

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

This condition satisfies the monitoring requirements under 40 CFR 64.1, CAM or Compliance Assurance Monitoring, for the following units: the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6.

D.2.8 Broken or Failed Bag Detection [40 CFR Part 64]

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

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

This condition satisfies the monitoring requirements under 40 CFR 64.1, CAM or Compliance Assurance Monitoring, for the following units: the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6.

D.2.9 Cyclone Failure Detection [40 CFR Part 64]

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 - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

This condition satisfies the monitoring requirements under 40 CFR 64.1, CAM or Compliance Assurance Monitoring, for the following units: the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6.

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

D.2.10 Record Keeping Requirements

- (a) To document the compliance status with Condition D.2.6, the Permittee shall maintain records of visible emission notations of the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6 and each of the Flour Drying Line cyclone stack exhausts identified as Stacks 10, 110, 210 and 310 once per day. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).
- (b) To document the compliance status with Condition D.2.7, the Permittee shall maintain a daily record of the pressure drop across baghouses, ID B11, ID B12, ID B13 and ID B14 controlling the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener). The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).
- (c) Section C - General Record Keeping Requirements contains the Permittee's obligation with regard to the records required to be maintained by this condition.

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SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(14)] Insignificant Activities

(a) Other categories with PM and PM10 emissions below insignificant thresholds:

- (1) twenty-four (24) flour storage bins, each with one (1) baghouse for PM emissions control, each exhausting through one stack (ID Stacks 16 through 39). [326 IAC 6.5-1-2]
- (2) twenty-four (24) flour storage bins, each with one (1) baghouse for PM, each exhausting through one stack (ID Stacks 55 through 78); [326 IAC 6.5-1-2]
- (3) a pneumatic conveying system for collection of flour from storage bins, with six (6) baghouses for PM emissions control, exhausting through six (6) stacks (ID Stacks 43 through 48), respectively . [326 IAC 6.5-1-2]
- (4) a pneumatic conveying system for collection of flour from storage bins, with two (2) baghouses for PM emissions control, exhausting through two (2) stacks (ID Stacks 251 and 252); [326 IAC 6.5-1-2]
- (5) two (2) rework bins, each with one (1) baghouse for PM emissions control, each exhausting through one (1) stack (ID Stacks 41 and 42). [326 IAC 6.5-1-2]
- (6) two (2) rework bins, each with one (1) baghouse for PM emissions control, each exhausting through one (1) stack (ID Stacks 241 and 242); [326 IAC 6.5-1-2]
- (7) one (1) ingredients hopper, with one (1) baghouse for PM emissions control exhausting through one (1) stack (ID Stack 53). [326 IAC 6.5-1-2]
- (8) two (2) packaging machines, with one (1) baghouse for PM emissions control, exhausting through one (1) stack (ID Stack 50). [326 IAC 6.5-1-2]
- (9) two (2) packaging machines, with two (2) baghouses for PM emissions control, exhausting through two (2) stacks (ID Stacks 253 and 353) respectively. [326 IAC 6.5-1-2]
- (10) sack dumping, exhausting indoors through one (1) stack (ID Stack 54).[326 IAC 6.5-1-2]
- (11) two (2) lime hoppers, each with a maximum throughput capacity of 8.3 metric tons per hour, each exhausting through one (1) stack (ID Stacks 8 and 108). [326 IAC 6.5-1-2]
- (12) two (2) lime hoppers, each with a maximum throughput capacity of 8.3 metric tons per hour, each exhausting through one (1) stack (ID Stacks 208 and 308); [326 IAC 6.5-1-2]
- (13) one (1) corn impurity waste load out, identified as Unit 81, permitted in 2016, with a maximum capacity of 7.24 tons per hour, using a nylon sock chute for PM control, exhausting through one (1) stack (ID Stack 81);
- (14) two (2) corn skin waste load outs, identified as Unit 82 South and 83 North, permitted in 2016, with a maximum capacity of 7.009 tons per hour, using a nylon sock chute for PM control, each exhausting through one (1) stack (ID Stack 82 and Stack 83);

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

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

D.3.1 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2(a) (Vanderburgh Particulate Limitations), particulate matter (PM) emissions from each of the facilities listed above shall be limited to 0.03 grains per dry standard cubic foot (gr/dscf).

D.3.2 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

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

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

D.3.3 Particulate Control

In order to demonstrate the compliance with Condition 3.1, the baghouses for PM control shall be in operation and control emissions from the forty-eight (48) flour storage bins, the two (2) pneumatic conveying systems, the four (4) rework bins, the ingredients hopper, the four packaging machines, the sack dumping operation, the four (4) lime hoppers, the corn impurity waste load out, and the two (2) corn skin waste load outs at all times that these facilities are in operation.

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SECTION E.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(14)]

- (a) two (2) natural gas-fired steam boilers, identified as Unit 1 Boiler and Unit 2 Boiler, constructed in 1995 and 1996 respectively, each rated at 10.46 million (MM) British thermal units (Btu) per hour, each exhausting through one (1) stack (ID Stacks 7 and 107), respectively;
- (b) two (2) natural gas-fired steam boilers, identified as, Unit 3 Boiler and Unit 4 Boiler, each rated at 10.46 million (MM) British thermal units (Btu) per hour, each exhausting through separate stacks (ID Stacks 207 and 307), respectively;

Under NSPS 40 CFR 60, Subpart Dc, the four (4) natural gas-fired steam boilers, identified as Unit 1 Boiler, Unit 2 Boiler, Unit 3 Boiler and Unit 4 Boiler are considered new stationary boilers because the construction of the four (4) natural gas-fired steam boilers commenced after June 9, 1989.

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

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

E.1.1 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the four (4) boilers (ID Unit 1 Boiler, Unit 2 Boiler, Unit 3 Boiler and Unit 4 Boiler) described in this section except when otherwise specified in 40 CFR Part 60, Subpart Dc.

E.1.2 Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR Part 60, Subpart Dc]

Pursuant to 40 CFR Part 60, Subpart Dc, the Permittee shall comply with the provisions of the New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units, as specified as follows.

- (a) 40 CFR 60.40c(a)
- (b) 40 CFR 60.41c
- (c) 40 CFR 60.48c(g)(1), (i)

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SECTION E.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(14)]

- (e) one (1) corn receiving pit with hood, identified as Corn Receiving Pit C, approved in 2016 for construction, exhausting through stack (ID Stack 206), located in an enclosed building, with a maximum capacity of 223.77 tons per hour, equipped with a grain scalper C to remove foreign material from the corn, with a baghouse (ID B106) for particulate matter control, exhausting through one (1) stack (ID Stack 106);
- (jj) two (2) natural gas fired grain dryers, identified as GD-3 and GD-6, approved in 2016 for construction, each with a maximum capacity of 73.3 tons per hour and each with a maximum heat input rate of 16.80 mm Btu per hour, each exhausting through separate stacks (ID Stacks 3 and 103), respectively;
- (ll) nine (9) corn storage bins, identified as Units 90-98, constructed in 2011 and permitted in 2016, for corn storage after receiving pit scalping but before cleaning, with a maximum capacity of 223.77 metric tons per hour, each bin with seven (7) exhaustor vents, identified with their corresponding bin as Vent 90-1, 90-2, etc., using mesh screens for PM control, and no other particulate matter control measure.

Under NSPS 40 CFR 60, Subpart DD, the nine (9) corn storage bins, identified as Units 90-98 are considered permanent grain storage elevators and new stationary units because the construction of the nine (9) corn storage bins commenced after August 3, 1978 and they have a capacity of over one million bushels each.

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

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

E.2.1 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the nine (9) corn storage bins, the corn receiving Pit C Hood and Scalper, and the two (2) grain dryers described in this section except when otherwise specified in 40 CFR Part 60, Subpart DD.

E.2.2 Standards of Performance for Grain Elevators [40 CFR Part 60, Subpart DD]

Pursuant to 40 CFR Part 60, Subpart DD, the Permittee shall comply with the provisions of the New Source Performance Standards for Grain Elevators, as specified as follows.

- (a) 40 CFR 60.300
- (b) 40 CFR 60.301
- (c) 40 CFR 60.302(b), (c)(1), (2)
- (d) 40 CFR 60.303
- (e) 40 CFR 60.304

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**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Azteca Milling, L.P.
Source Address: 15700 Highway 41 North, Evansville, Indiana, Indiana 47725
Part 70 Permit No.: T163-30167-00107

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:

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

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Azteca Milling, L.P.
Source Address: 15700 Highway 41 North, Evansville, Indiana, Indiana 47725
Part 70 Permit No.: T163-30167-00107

This form consists of 2 pages

Page 1 of 2

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
 - The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

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If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

Source Name: Azteca Milling, L.P.
Source Address: 15700 Highway 41 North, Evansville, Indiana, Indiana 47725
Part 70 Permit No.: T163-30167-00107

Months: _____ to _____ Year: _____

Page 1 of 2

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

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Page 2 of 2

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

Attachment B

Part 70 Operating Permit No: 163-30167-00107

[Downloaded from the eCFR on May 13, 2013]

Electronic Code of Federal Regulations

Title 40: Protection of Environment

PART 60—STANDARDS OF PERFORMANCE FOR NEW STATIONARY SOURCES

Subpart DD—Standards of Performance for Grain Elevators

Source: 43 FR 34347, Aug. 3, 1978, unless otherwise noted.

§ 60.300 Applicability and designation of affected facility.

(a) The provisions of this subpart apply to each affected facility at any grain terminal elevator or any grain storage elevator, except as provided under § 60.304(b). The affected facilities are each truck unloading station, truck loading station, barge and ship unloading station, barge and ship loading station, railcar loading station, railcar unloading station, grain dryer, and all grain handling operations.

(b) Any facility under paragraph (a) of this section which commences construction, modification, or reconstruction after August 3, 1978, is subject to the requirements of this part.

[43 FR 34347, Aug. 3, 1978, as amended at 52 FR 42434, Nov. 5, 1988]

§ 60.301 Definitions.

As used in this subpart, all terms not defined herein shall have the meaning given them in the Act and in subpart A of this part.

(a) *Grain* means corn, wheat, sorghum, rice, rye, oats, barley, and soybeans.

(b) *Grain elevator* means any plant or installation at which grain is unloaded, handled, cleaned, dried, stored, or loaded.

(c) *Grain terminal elevator* means any grain elevator which has a permanent storage capacity of more than 88,100 m³ (ca. 2.5 million U.S. bushels), except those located at animal food manufacturers, pet food manufacturers, cereal manufacturers, breweries, and livestock feedlots.

(d) *Permanent storage capacity* means grain storage capacity which is inside a building, bin, or silo.

(e) *Railcar* means railroad hopper car or boxcar.

(f) *Grain storage elevator* means any grain elevator located at any wheat flour mill, wet corn mill, dry corn mill (human consumption), rice mill, or soybean oil extraction plant which has a permanent grain storage capacity of 35,200 m³ (ca. 1 million bushels).

(g) *Process emission* means the particulate matter which is collected by a capture system.

(h) *Fugitive emission* means the particulate matter which is not collected by a capture system and is released directly into the atmosphere from an affected facility at a grain elevator.

(i) *Capture system* means the equipment such as sheds, hoods, ducts, fans, dampers, etc. used to collect particulate matter generated by an affected facility at a grain elevator.

(j) *Grain unloading station* means that portion of a grain elevator where the grain is transferred from a truck, railcar, barge, or ship to a receiving hopper.

(k) *Grain loading station* means that portion of a grain elevator where the grain is transferred from the elevator to a truck, railcar, barge, or ship.

(l) *Grain handling operations* include bucket elevators or legs (excluding legs used to unload barges or ships), scale hoppers and surge bins (garners), turn heads, scalpers, cleaners, trippers, and the headhouse and other such structures.

(m) *Column dryer* means any equipment used to reduce the moisture content of grain in which the grain flows from the top to the bottom in one or more continuous packed columns between two perforated metal sheets.

(n) *Rack dryer* means any equipment used to reduce the moisture content of grain in which the grain flows from the top to the bottom in a cascading flow around rows of baffles (racks).

(o) *Unloading leg* means a device which includes a bucket-type elevator which is used to remove grain from a barge or ship.

[43 FR 34347, Aug. 3, 1978, as amended at 65 FR 61759, Oct. 17, 2000]

§ 60.302 Standard for particulate matter.

(a) On and after the 60th day of achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any gases which exhibit greater than 0 percent opacity from any:

(1) Column dryer with column plate perforation exceeding 2.4 mm diameter (ca. 0.094 inch).

(2) Rack dryer in which exhaust gases pass through a screen filter coarser than 50 mesh.

(b) On and after the date on which the performance test required to be conducted by § 60.8 is completed, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which:

(1) Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf).

(2) Exhibits greater than 0 percent opacity.

(c) On and after the 60th day of achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emission from:

(1) Any individual truck unloading station, railcar unloading station, or railcar loading station, which exhibits greater than 5 percent opacity.

(2) Any grain handling operation which exhibits greater than 0 percent opacity.

(3) Any truck loading station which exhibits greater than 10 percent opacity.

(4) Any barge or ship loading station which exhibits greater than 20 percent opacity.

(d) The owner or operator of any barge or ship unloading station shall operate as follows:

(1) The unloading leg shall be enclosed from the top (including the receiving hopper) to the center line of the bottom pulley and ventilation to a control device shall be maintained on both sides of the leg and the grain receiving hopper.

(2) The total rate of air ventilated shall be at least 32.1 actual cubic meters per cubic meter of grain handling capacity (ca. 40 ft³ /bu).

(3) Rather than meet the requirements of paragraphs (d)(1) and (2) of this section the owner or operator may use other methods of emission control if it is demonstrated to the Administrator's satisfaction that they would reduce emissions of particulate matter to the same level or less.

§ 60.303 Test methods and procedures.

(a) In conducting the performance tests required in § 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in § 60.8(b). Acceptable alternative methods and procedures are given in paragraph (c) of this section.

(b) The owner or operator shall determine compliance with the particulate matter standards in § 60.302 as follows:

(1) Method 5 shall be used to determine the particulate matter concentration and the volumetric flow rate of the effluent gas. The sampling time and sample volume for each run shall be at least 60 minutes and 1.70 dscm (60 dscf). The probe and filter holder shall be operated without heaters.

(2) Method 2 shall be used to determine the ventilation volumetric flow rate.

(3) Method 9 and the procedures in § 60.11 shall be used to determine opacity.

(c) The owner or operator may use the following as alternatives to the reference methods and procedures specified in this section:

(1) For Method 5, Method 17 may be used.

[54 FR 6674, Feb. 14, 1989]

§ 60.304 Modifications.

(a) The factor 6.5 shall be used in place of "annual asset guidelines repair allowance percentage," to determine whether a capital expenditure as defined by § 60.2 has been made to an existing facility.

(b) The following physical changes or changes in the method of operation shall not by themselves be considered a modification of any existing facility:

(1) The addition of gravity loadout spouts to existing grain storage or grain transfer bins.

(2) The installation of automatic grain weighing scales.

(3) Replacement of motor and drive units driving existing grain handling equipment.

(4) The installation of permanent storage capacity with no increase in hourly grain handling capacity.

**Indiana Department of Environmental Management
Office of Air Quality**

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

Source Description and Location

Source Name:	Azteca Milling, LP
Source Location:	15700 Highway 41 North, Evansville, IN 47725
County:	Vanderburgh
SIC Code:	2046
Operation Permit No.:	T163-30167-00107
Operation Permit Issuance Date:	December 5, 2011
Significant Source Modification No.:	163-36194-00107
Significant Permit Modification No.:	163-36306-00107
Permit Reviewer:	Jean Fix

Existing Approvals

The source was issued Part 70 Operating Permit Renewal No. T163-30167-00107 on December 5, 2011. The source has since received the following approvals:

- (a) Administrative Amendment No. 163-34092-00107, issued on February 14, 2014

County Attainment Status

The source is located in Vanderburgh County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Unclassifiable or attainment effective July 20, 2012, for the 2008 8-hour ozone standard. ¹
PM _{2.5}	Attainment effective October 27, 2011, for the annual PM _{2.5} standard.
PM _{2.5}	Unclassifiable or attainment effective December 13, 2009, for the 24-hour PM _{2.5} standard.
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Unclassifiable or attainment effective December 31, 2011.

¹Attainment effective October 18, 2000, for the 1-hour ozone standard for the Evansville area, including Vanderburgh County, and is a maintenance area for the 1-hour ozone National Ambient Air Quality Standards (NAAQS) for purposes of 40 CFR 51, Subpart X*. The 1-hour designation was revoked effective June 15, 2005.

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

- (b) **PM_{2.5}**
Vanderburgh County has been classified as attainment for PM_{2.5}. Therefore, direct PM_{2.5}, SO₂, and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (c) **Other Criteria Pollutants**
Vanderburgh County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

This type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7; however, there is an applicable New Source Performance Standard that was in effect on August 7, 1980. Therefore, fugitive emissions are counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

Source Status - Existing Source

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

Pollutant	Emissions (ton/yr)
PM	104.88
PM ₁₀	24.69
PM _{2.5}	14.11
SO ₂	0.32
NO _x	53.80
VOC	7.96
CO	45.20
HAPs	1.01

On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court's decision. U.S. EPA's guidance states that U.S. EPA will no longer require PSD or Title V permits for sources "previously classified as 'Major' based solely on greenhouse gas emissions."

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHG emissions to determine operating permit applicability or PSD applicability to a source or modification.

- (a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no PSD regulated pollutant, excluding GHGs, is emitted at a rate of two hundred fifty (250) tons per year or more and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(ff)(1).
- (b) These emissions are based upon Appendix A of this Technical Support Document.

- (c) This existing source is not a major source of HAPs, as defined in 40 CFR 63.2, because HAPs emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a modification application, submitted by Azteca Milling, LP on August 27, 2015, relating to the addition of previously constructed waste load out units and corn storage bins to the permit, and the replacement of a baghouse in the corn receiving and pre-cleaning area.

During the course of this modification application process, the source identified units in the permit that have never been constructed or have been taken out of service with no plans to construct or place back into service. These units have been removed from the permit as part of this modification. All other emission units that have not been constructed and are expected to be constructed in 2016 as part of a new 4th facility (flour mill) are being permitted as new emission units.

The significant source modification and significant permit modification give construction and operating approval for new units to be constructed in 2016 and for units constructed and operated without proper approval.

- (a) The following is a list of the new emission units and pollution control devices:
 - (1) nine (9) corn storage bins, identified as Units 90-98, constructed in 2011 and permitted in 2016, for corn storage after receiving pit scalping but before cleaning, with a maximum capacity of 223.77 tons per hour, each bin with seven (7) exhauster vents, identified with their corresponding bin as Vent 90-1, 90-2, etc., using mesh screens for PM control, and no other particulate matter control measure.
 - (2) Replacement baghouse, identified as B102, with a maximum capacity of 223.77 tons per hour, used for PM control for both corn receiving pits A and B after foreign material is removed from the corn by a scalper.
- (b) The following is a list of insignificant emission units that have been onsite and operating since the initial construction approval was issued to this source, but were not properly identified in the permit. These units are being added to the existing permitted emission units list as part of this modification:
 - (1) one (1) corn impurity waste load out, identified as Unit 81, permitted in 2016, with a maximum capacity of 7.25 tons per hour, using a nylon sock chute for PM control, exhausting through one (1) stack (ID Stack 81);
 - (2) two (2) corn skin waste load outs, identified as Unit 82 South and 83 North, permitted in 2016, each with a maximum capacity of 7.00 tons per hour, using a nylon sock chute for PM control, each exhausting through one (1) stack (ID Stack 82 and Stack 83);
- (c) The following emission units were originally permitted, but were never constructed. However, the Permittee is seeking approval for these units to be constructed in 2016. Therefore, these units have been removed from the permit and are being permitted as new emission units through this modification.

Unit	Unit ID	Stack/Vent	Control Description	Constructed
Flour Drying Line	C104	310	Unit 4 Drying 1st Cyclone	N
Flour Drying Line	C204	311	Unit 4 Drying 2nd Cyclone	N

Milled & Dried Flour Unit	MDF4	314	Baghouse B	N
Flour Cooler	FC4	312	Flour Cooler Cyclone	N
Corn Receiving Pit C Hood	S1	206	Baghouse 51	N
Grain Receiving Pit C Scalper		106	Baghouse 106	N
Grain Dryer	GD-3	3	none	N
Grain Dryer	GD-6	103	none	N

- (d) The following emission units have never been constructed or have been constructed but later taken out of service. Therefore, these emission units will be removed from the permit as part of this modification:

Unit	Unit ID	Stack/Vent	Control Description	Constructed
Wet Cake Dryer		80	Baghouse	Y
Wet Cake Dryer		180	Baghouse	Y
Corn Receiving Pit D Hood		206	Baghouse 51	N
Corn Receiving Pit D Scalper		52	Baghouse 52	N
Grain Dryer	GD-1	5	none	N
Grain Dryer	GD-2	4	none	N
Grain Dryer	GD-4	105	none	N
Grain Dryer	GD-5	104	none	N

“Integral Part of the Process” Determination

On August 27, 2015, the Permittee submitted information requesting that the new baghouse, identified as B102, be considered integral for the corn receiving and pre-cleaning operation prior to bin storage. This unit is similar in design and has the same function as the previously approved integral baghouse it replaces, also identified as B102. IDEM, OAQ has evaluated this information and has agreed with the Permittee that the replacement baghouse, identified as B102, will be considered integral for the corn receiving and pre-cleaning operation prior to bin storage. This determination is similar to the initial determination made under a Significant Source Modification No.163-18534-00107, issued on September 30, 2014.

Enforcement Issues

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

Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.

Permit Level Determination – Part 70 Modification to an Existing Source

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency.”

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

until it has been required in a federally enforceable permit. If the control equipment has been determined to be integral, the table reflects the PTE after consideration of the integral control device.

PTE Before Controls of the Modification	
Pollutant	Potential To Emit (ton/yr)
PM	189.98
PM ₁₀	50.24
PM _{2.5}	9.86
SO ₂	0.16
VOC	1.46
CO	22.30
NO _x	26.54
Single HAPs	0.48
Total HAPs	0.50

Appendix A of this TSD reflects the unrestricted potential emissions of the modification.

This source modification is subject to 326 IAC 2-7-10.5(g)(4) because the potential to emit PM, PM10 and NOx before controls is greater than 25 tons per year. Additionally, the modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d)(1), because it requires a case-by-case determination of an emission limitation or other standard.

Additionally, the modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d)(1), because the modification incorporates applicable portions of the New Source Performance Standards for Grain Elevators (40 CFR 60, Subpart DD) under Title I of the Clean Air Act (CAA).

Permit Level Determination – PSD

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 permit modification, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process / Emission Unit	Project Emissions (ton/yr)							
	PM	PM₁₀	PM_{2.5}*	SO₂	NO_x	VOC	CO	Hexane
Nine (9) Corn Storage Bins	36.75	9.26	1.62	-	-	-	-	-
Two (2) Grain Dryers	141.26	35.32	6.04	-	-	-	-	-
Two (2) Grain Dryers combustion	0.28	1.12	1.12	0.09	14.72	0.81	12.36	0.26
Two (2) Flour Drying Lines	0.20	0.05	0.01	-	-	-	-	-
Two (2) Flour Drying Lines combustion	0.22	0.90	0.90	0.07	11.83	0.65	9.93	0.21
Grain Receiving Pit Hood C	10.54	3.22	0.11	-	-	-	-	-
Grain Receiving Pit Scalper C	0.60	0.33	0.06	-	-	-	-	-

Process / Emission Unit	Project Emissions (ton/yr)							
	PM	PM ₁₀	PM _{2.5} *	SO ₂	NO _x	VOC	CO	Hexane
One (1) Milled and Dried Flour Unit	0.03	0.02	0.003	-	-	-	-	-
One (1) Flour Cooler	0.10	0.02	0.004	-	-	-	-	-
Total for Modification	189.98	50.24	9.86	0.16	26.54	1.46	22.30	0.50
PSD Major Source Thresholds	250	250	250	250	250	250	250	250
PTE of Entire Source after Modification	294.86	74.93	23.97	0.48	80.35	9.42	67.49	1.45
Title V Threshold	NA	100	100	100	100	100	100	10

*PM_{2.5} listed is direct PM_{2.5}.

On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court's decision. U.S. EPA's guidance states that U.S. EPA will no longer require PSD or Title V permits for sources "previously classified as 'Major' based solely on greenhouse gas emissions."

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHG emissions to determine operating permit applicability or PSD applicability to a source or modification.

This modification to an existing minor PSD stationary source is not major because the emissions increase of each PSD regulated pollutant are less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

However, because the particulate matter is greater than 250 after this modification, this source is major for PSD. Refer to Appendix A of this TSD for detailed emission calculations for the entire source, including the modification.

The potential to emit of each criteria pollutant is <100 tons per year, the potential to emit any single HAP is <10 tons per year, and the potential to emit any combination of HAP is <25 tons per year. However, the Permittee wishes to remain permitted as a Title V source.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS):

40 CFR 60, Subpart DD - Standards of Performance for Grain Elevators
 The provisions of this subpart apply to each affected facility at any grain storage elevator (permanent storage capacity of 1 million bushels) that commenced construction after August 3, 1978. The affected facilities are each truck unloading station, truck loading station, barge and ship unloading station, barge and ship loading station, railcar loading station, railcar unloading station, grain dryer, and all grain handling operations.

This source has a storage capacity greater than 1 million bushels (3.3 million), and is a grain storage elevator that was constructed after August 3, 1978. Therefore, this source is subject to

the provisions of this rule. The nine (9) corn storage bins,(Units 90-98), the corn receiving Pit C Hood and Scalper, and the two (2) grain dryers (Units GD-3 and GD-6) are subject to the New Source Performance Standards for Grain Elevators (40 CFR 60, Subpart DD). Applicable portions of the NSPS are the following:

- (a) 40 CFR 60.300
- (b) 40 CFR 60.301
- (c) 40 CFR 60.302(b), (c)(1), (2)
- (d) 40 CFR 60.303
- (e) 40 CFR 60.304

The requirements of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated as 326 IAC 12-1, apply to the facilities except as otherwise specified in 40 CFR 60, Subpart DD.

An exception to the rule according to 40 CFR 60.304(b)(4) states that " the installation of permanent storage capacity with no increase in hourly grain handling capacity" shall not of itself be considered a modification of any existing facility, thus exempt from Subpart DD.

The nine (9) corn storage bins, corn receiving Pit C hood and scalper, and the two (2) grain dryers are subject to the rule based on the determination cited below:

"The exemption only applies to modification of those affected facilities at the plant that existed prior to the date that the NSPS applied. The exemption does not apply to those affected facilities that are constructed at the time applicability was triggered or subsequent to that time. Consequently, the affected facilities that were constructed at the time the grain storage capacity reached 1 million bushels as well as any affected facilities that are subsequently constructed would be subject to Subpart DD." (ADI control: 0500032 from 2/01/2005 Use of grain storage capacity to determine applicability).

Therefore, the storage bins are subject to 40 CFR 60, Subpart DD, as well as any new applicable units constructed in the future (for example, the corn receiving Pit C hood and scalper, and the two (2) grain dryers); but the other existing and permitted units that handle grain are not subject because they had already been constructed at the time the source reached 1 million bushel storage capacity.

National Emission Standards for Hazardous Air Pollutants (NESHAP):

There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) applicable to this proposed modification.

Compliance Assurance Monitoring (CAM):

Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to new or modified emission units that involve a pollutant-specific emission unit and meet the following criteria:

- (1) has a potential to emit before controls equal to or greater than the Part 70 major source threshold for the pollutant involved;
- (2) is subject to an emission limitation or standard for that pollutant; and
- (3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The following table is used to identify the applicability of each of the criteria, under 40 CFR 64.1, to each new or modified emission unit involved:

CAM Applicability Analysis							
Emission Unit	Control Device Used	Emission Limitation (Y/N)	Uncontrolled PTE (ton/yr)	Controlled PTE (ton/yr)	Part 70 Major Source Threshold (ton/yr)	CAM Applicable (Y/N)	Large Unit (Y/N)
Corn Storage Bins - PM	Mesh Screen	Y	73.51	36.75	100	N	N
Corn Storage Bins - PM ¹⁰	Mesh Screen	Y	18.52	9.26	100	N	N
Corn Storage Bins - PM ^{2.5}	Mesh Screen	Y	3.23	1.62	100	N	N
Flour Drying Lines - PM	Cyclone	Y	19.80	0.20	100	N	N
Flour Drying Lines - PM ¹⁰	Cyclone	Y	4.95	0.05	100	N	N
Flour Drying Lines - PM ^{2.5}	Cyclone	Y	0.85	0.01	100	N	N
Corn Receiving Pit C - PM	Baghouse	Y	105.36	10.54	100	Y	N
Corn Receiving Pit C - PM ¹⁰	Baghouse	Y	32.25	3.22	100	N	N
Corn Receiving Pit C - PM ^{2.5}	Baghouse	Y	1.13	0.11	100	N	N
Corn Receiving Pit C Scalper - PM	Baghouse	Y	59.79	0.60	100	N	N
Corn Receiving Pit C Scalper - PM ¹⁰	Baghouse	Y	33.32	0.33	100	N	N
Corn Receiving Pit C Scalper - PM ^{2.5}	Baghouse	Y	5.68	0.06	100	N	N
Milled & Dried Flour Unit MDF4 - PM	Baghouse	Y	2.74	0.03	100	N	N
Milled & Dried Flour Unit MDF4 - PM ¹⁰	Baghouse	Y	1.53	0.02	100	N	N
Milled & Dried Flour Unit MDF4 - PM ^{2.5}	Baghouse	Y	0.26	0.003	100	N	N
Flour Cooler FC4 - PM	Cyclone	Y	9.90	0.10	100	N	N
Flour Cooler FC4 - PM ¹⁰	Cyclone	Y	2.47	0.02	100	N	N
Flour Cooler FC4 - PM ^{2.5}	Cyclone	Y	0.42	0.004	100	N	N

Based on this evaluation, the requirements of 40 CFR Part 64, CAM are applicable to the Corn Receiving Pit C for PM upon issuance of the Title V Renewal. A CAM plan must be submitted as part of the Renewal application.

State Rule Applicability Determination

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

Pursuant to 326 IAC 6.5-1-2(a) (Vanderburgh County Particulate Limitations), particulate matter (PM) emissions from the nine (9) Corn Storage Bins ID 90-98, the corn impurity waste load out, and the two (2) corn skin waste load outs shall be limited to 0.03 grains per dry standard cubic foot (gr/dscf).

326 IAC 2-2 and 2-3 (PSD and Emission Offset)

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

326 IAC 2-7-6(5) (Annual Compliance Certification)

The U.S. EPA Federal Register 79 FR 54978 notice does not exempt Title V Permittees from the requirements of 40 CFR 70.6(c)(5)(iv) or 326 IAC 2-7-6(5)(D), but the submittal of the Title V annual compliance certification to IDEM satisfies the requirement to submit the Title V annual compliance certifications to EPA. IDEM does not intend to revise any permits since the

requirements of 40 CFR 70.6(c)(5)(iv) or 326 IAC 2-7-6(5)(D) still apply, but Permittees can note on their Title V annual compliance certification that submission to IDEM has satisfied reporting to EPA per Federal Register 79 FR 54978. This only applies to Title V Permittees and Title V compliance certifications.

Compliance Determination and Monitoring Requirements

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

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

The Compliance Determination Requirements applicable to this modification are as follows:

- (a) The corn impurity waste load out, Unit 81, the two (2) corn skin waste load outs Units 82 and 83, and the nine (9) corn storage bins, units 90-98 have applicable compliance determination conditions as specified below:
 - (1) The nylon sock chute sleeve or boot shall be in operation and control emissions from the corn impurity waste load out, Unit 81, and the two (2) corn skin waste load outs Units 82 and 83, at all times that these facilities are in operation.
 - (2) The vent mesh screens shall be in operation and control emissions from the nine (9) corn storage bins, units 90-98, at all times that these facilities are in operation.

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No.163-30167-00107. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

Modification No. 1: descriptive changes resulting from the addition of previously constructed waste load out units and corn storage bins, the replacement of a baghouse in the corn receiving and pre-cleaning area, language identifying construction approval of units associated with the 4th flour mill unit to be constructed in 2016, the removal of permitted and constructed units that are no longer in service, and clerical corrections found during review.

SECTION A

SOURCE SUMMARY

- A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]
[326 IAC 2-7-5(14)]

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

* * *

- (c) one (1) corn receiving pit **with hood**, identified as Corn Receiving Pit ~~C~~ **A**, constructed in 1995, exhausting through stack (ID Stack 1), located in an enclosed building, with a maximum capacity of ~~203 metric tons~~ **223.77 tons** per hour, equipped with a grain scalper **A** to remove foreign material from the corn, with a baghouse (ID B42) for particulate matter control, exhausting through one (1) stack (ID Stack ~~542~~), **and then, with a second baghouse (ID B102) shared with Corn Receiving Pit scalper B, exhausting through one (1) stack (ID Stack 102);**
- (d) ~~three~~ **one (31)** corn receiving pits with hoods, identified as Corn Receiving Pit A, B, ~~and D~~, each **located in an enclosed building**, with a maximum capacity of ~~203 metric tons~~ **223.77 tons** per hour, ~~each with a baghouse (ID 1, 101, and 51),~~ exhausting through stacks (ID Stacks ~~1, 101 and 206~~), each equipped with a grain scalper (~~A, B, & D~~) to remove foreign material from the corn, ~~each scalper with a baghouse (ID 2, B102, and 52)~~ for particulate matter control, ~~each~~ exhausting through its own stack (ID Stacks ~~2, 102 and 52~~);
- (e) ~~one (1) Grain receiving pit scalper C, constructed in 2005 and with a maximum capacity of 203 metric tons per hour associated with existing Grain receiving Pit C, with a baghouse (ID 106) for particulate matter control, exhausting through one (1) stack (ID Stack 106);~~ **one (1) corn receiving pit with hood, identified as Corn Receiving Pit C, approved in 2016 for construction, exhausting through stack (ID Stack 206), located in an enclosed building, with a maximum capacity of 223.77 tons per hour, equipped with a grain scalper C to remove foreign material from the corn, with a baghouse (ID B106) for particulate matter control, exhausting through one (1) stack (ID Stack 106);**
- (f) Corn cleaning operation, consisting of six (6) corn screeners/cleaners:
- (1) Two (2) corn cleaners, identified as Unit 1 Screener and Unit 2 Screener, used for first step cleaning, constructed in 1995 and 1996 respectively, one with a maximum capacity of ~~30 metric tons~~ **33.07 tons** per hour and the other one with a maximum capacity of ~~100 metric tons~~ **110.23 tons** per hour, ~~with a~~ controlled by a cyclone in series with a baghouse (ID B1) for particulate matter control, exhausting through one (1) stack (ID Stack 6);
 - (2) Four (4) corn screeners/cleaners, identified as Unit 3 Screener with a capacity of ~~12.5 metric tons~~ **13.78 tons** per hour (~~13.8 short tons per hour~~), controlled by a cyclone in series with a baghouse, ID B11; Unit 4 Screener with a capacity of 13.8 ~~short~~ tons per hour, controlled by a cyclone in series with a baghouse, ID B12; Unit 5 Screener with a capacity of 13.8 ~~short~~ tons per hour, controlled by a cyclone in series with a baghouse, ID B13; and Unit 6 Screener with a capacity of 13.8 ~~short~~ tons per hour, controlled by a cyclone in series with a baghouse, ID B14, each is used for second step cleaning, permitted in 2009. All baghouses are exhausting through one (1) stack (ID Stack 6).
 - (3) Three (3) clean corn storage bins, identified as E, F and G, that service all four (4) lines, 1-4, each has a capacity of 8,800 cubic feet, controlled by baghouse B1, exhausting through stack 6.
 - (4) Four (4) corn hoppers and two (2) hopper scales, each has a throughput rate of 5,000 pounds per hour, controlled by baghouse B1, exhausting through stack 6.
- (g) one (1) lime bin system, constructed in 1995, with a maximum throughput capacity of ~~22.5 metric tons per hour~~ **24.8 tons**, using a baghouse (ID B2) for particulate matter control, exhausting through one (1) stack (ID Stack 9);
- (h) one (1) lime bin system, with a maximum throughput capacity of ~~22.5 metric tons~~ **24.8 tons** per hour, using a baghouse (ID Baghouse) for particulate matter control, exhausting through one (1) stack (ID Stack 209);

- (i) one (1) drying line, identified as C101, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 1, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 10);
- (j) one (1) drying line, identified as C102, constructed in 1996, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 2, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 110);
- (k) one (1) drying line, identified as C201, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 1, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 11);
- (l) one (1) drying line, identified as C202, constructed in 1996, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 2, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 111);
- (m) one (1) drying line, identified as C103, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 3, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 210);
- (n) one (1) drying line, identified as C104, **approved in 2016 for construction**, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 4, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 310);
- (o) one (1) drying line, identified as C203, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 3, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 211);
- (p) one (1) drying line, identified as C204, **approved in 2016 for construction**, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 4, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 311);
- (q) one (1) flour cooler, identified as FC1, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 12);
- (r) one (1) flour cooler, identified as FC2, constructed 1996, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 112);
- (s) one (1) flour cooler, identified as FC3, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 212);

- (t) one (1) flour cooler, identified as FC4, **approved in 2016 for construction**, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 312);
 - (u) one (1) flour sifter system, identified as FS1, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B3) for particulate matter control, exhausting through one (1) stack (ID Stack 13);
 - (v) one (1) flour sifter system, identified as FS2, constructed in 1996, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B4) for particulate matter control, exhausting through one (1) stack (ID Stack 113);
 - (w) one (1) flour sifter system, identified as FS3, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with three (3) separate steps, each using a baghouse for particulate matter control, exhausting through three (3) stacks (ID Stack 254, 255, & 256);
 - (x) one (1) flour sifter system, identified as FS4, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with three (3) separate steps, each using a baghouse for particulate matter control, exhausting through three (3) stacks (ID Stack 354, 355, & 356);
 - (y) one (1) milled and dried flour unit, identified as MDF1, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B5) for particulate matter control, exhausting through one (1) stack (ID Stack 14);
 - (z) one (1) milled and dried flour unit, identified as MDF2, constructed in 1996, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B6) for particulate matter control, exhausting through one (1) stack (ID Stack 114);
 - (aa) one (1) milled and dried flour unit, identified as MDF3, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B) for particulate matter control, exhausting through one (1) stack (ID Stack 214);
 - (bb) one (1) milled and dried flour unit, identified as MDF4, **approved in 2016 for construction**, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B) for particulate matter control, exhausting through one (1) stack (ID Stack 314);
- * * *
- (ff) one (1) pair of corn skin separators, identified as CSS4N and CSS4S, **unit CSS4N with a maximum capacity of 0.647 ton per hour and unit CSS4S each** with a maximum capacity of 0.323 ton per hour, each using a baghouse (ID BN and BS, respectively) for particulate matter control, each exhausting through one (1) stack (ID Stacks 340N and 340S, respectively).
 - (gg) one (1) corn skin storage system, constructed in 1995, with a maximum capacity of ~~4.294 metric tons~~ **1.43 tons** per hour, using a baghouse (ID B9) for PM control, exhausting through one (1) stack (ID Stack 15);
 - (hh) one (1) rail loading system, constructed in 1995, with a maximum capacity of ~~24.77 metric tons~~ **24 tons** per hour, with a three way valve leading to three flexible lines, using a pneumatic filtering device (ID B10) for particulate matter control, exhausting indoors (ID Stack 49);
 - (ii) one (1) truck loading system, constructed in 2002, sharing a pneumatic filtering device with the rail loading system for particulate matter control, exhausting indoors; ~~and~~

- (jj) ~~six two (62)~~ natural gas fired grain dryers, identified as ~~GD-1, GD-2, GD-3, GD-4, GD-5~~ and GD-6, **approved in 2016 for construction, each** with a maximum capacity of 73.3 tons per hour and each with a maximum heat input rate of 16.80 mm Btu per hour, **each exhausting through separate stacks (ID Stacks 3 and 103), respectively;**
- (kk) two (2) rework mill cooling fans, each exhausting through separate stacks (ID Stacks 253 and 353), respectively, each with a maximum capacity of ~~9.32 tons~~ **10.27 tons** per hour;
- (ll) **nine (9) corn storage bins, identified as Units 90-98, constructed in 2011 and permitted in 2016, for corn storage after receiving pit scalping but before cleaning, with a maximum capacity of 223.77 tons per hour, each bin with seven (7) exhauster vents, identified with their corresponding bin as Vent 90-1, 90-2, etc., using mesh screens for PM control, and no other particulate matter control measure.**

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)]
[326 IAC 2-7-5(14)]

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

- (a) Other categories with PM and PM10 emissions below insignificant thresholds:
 - (1) twenty-four (24) flour storage bins with a maximum capacity of 1.55 tons per hour, each with one (1) baghouse for PM emissions control, each exhausting through one stack (ID Stacks 16 through 39). [326 IAC 6.5-1-2]
- ***
- ~~(13) one (1) 6.0 million Btu per hour natural gas fired wet cake dryer, with an airflow rate of 4226 dry standard cubic feet per minute (dscf/min) and with a maximum capacity of 2.5 tons per hour, exhausting through stack (ID Stack 80); [326 IAC 6.5-1-2]~~
- ~~(14) one (1) 6.0 million Btu per hour natural gas fired wet cake dryer, with an airflow rate of 4226 dry standard cubic feet per minute (dscf/min) and with a maximum capacity of 2.5 tons per hour, exhausting through stack (ID Stack 180). [326 IAC 6.5-1-2]~~
- (13) **one (1) corn impurity waste load out, identified as Unit 81, permitted in 2016, with a maximum capacity of 7.24 tons per hour, using a nylon sock chute for PM control, exhausting through one (1) stack (ID Stack 81);**
- (14) **two (2) corn skin waste load outs, identified as Unit 82 South and 83 North, permitted in 2016, with a maximum capacity of 7.009 tons per hour, using a nylon sock chute for PM control, each exhausting through one (1) stack (ID Stack 82 and Stack 83);**

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(14)]

- (c) one (1) corn receiving pit **with hood**, identified as Corn Receiving Pit **C A**, constructed in 1995, exhausting through stack (ID Stack 1), located in an enclosed building, with a maximum capacity of ~~203 metric tons~~ **223.77 tons** per hour, equipped with a grain scalper **A** to remove foreign material from the corn, with a baghouse (ID B42) for particulate matter control, exhausting through one (1) stack (ID Stack ~~542~~), **and then, with a second baghouse (ID B102) shared with Corn Receiving Pit scalper B, exhausting through one (1) stack (ID Stack 102);**

- (d) ~~three (3)~~ **one (1)** corn receiving pits with hoods, identified as Corn Receiving Pit A, B, and D, ~~each located in an enclosed building~~, with a maximum capacity of ~~203 metric tons~~ **223.77 tons** per hour, ~~each with a baghouse (ID 1, 101, and 51)~~, exhausting through stacks (ID Stacks ~~1, 101 and 206~~), each equipped with a grain scalper (A, B, & D) to remove foreign material from the corn, ~~each scalper with a baghouse (ID 2, B102, and 52)~~ for particulate matter control, ~~each exhausting through its own stack (ID Stacks 2, 102 and 52)~~;
- (e) ~~one (1) Grain receiving pit scalper C, constructed in 2005 and with a maximum capacity of 203 metric tons per hour associated with existing Grain receiving Pit C, with a baghouse (ID 106) for particulate matter control, exhausting through one (1) stack (ID Stack 106)~~; **one (1) corn receiving pit with hood, identified as Corn Receiving Pit C, approved in 2016 for construction, exhausting through stack (ID Stack 206), located in an enclosed building, with a maximum capacity of 223.77 tons per hour, equipped with a grain scalper C to remove foreign material from the corn, with a baghouse (ID B106) for particulate matter control, exhausting through one (1) stack (ID Stack 106)**;
- (f) Corn cleaning operation, consisting of six (6) corn screeners/cleaners:
- (1) Two (2) corn cleaners, identified as Unit 1 Screener and Unit 2 Screener, used for first step cleaning, constructed in 1995 and 1996 respectively, one with a maximum capacity of ~~30 metric tons~~ **33.07 tons** per hour and the other one with a maximum capacity of ~~100 metric tons~~ **110.23 tons** per hour, ~~with a~~ controlled by a cyclone in series with a baghouse (ID B1) for particulate matter control, exhausting through one (1) stack (ID Stack 6);
- (2) Four (4) corn screeners/cleaners, identified as Unit 3 Screener with a capacity of ~~12.5 metric tons~~ **13.78 tons** per hour (~~13.8 short tons per hour~~), controlled by a cyclone in series with a baghouse, ID B11; Unit 4 Screener with a capacity of 13.8 ~~short~~ tons per hour, controlled by a cyclone in series with a baghouse, ID B12; Unit 5 Screener with a capacity of 13.8 ~~short~~ tons per hour, controlled by a cyclone in series with a baghouse, ID B13; and Unit 6 Screener with a capacity of 13.8 ~~short~~ tons per hour, controlled by a cyclone in series with a baghouse, ID B14, each is used for second step cleaning, permitted in 2009. All baghouses are exhausting through one (1) stack (ID Stack 6).
- (3) Three (3) clean corn storage bins, identified as E, F and G, that service all four (4) lines, 1-4, each has a capacity of 8,800 cubic feet, controlled by baghouse B1, exhausting through stack 6.
- (4) Four (4) corn hoppers and two (2) hopper scales, each has a throughput rate of 5,000 pounds per hour, controlled by baghouse B1, exhausting through stack 6.
- (g) ~~one (1) lime bin system, constructed in 1995, with a maximum throughput capacity of 22.5 metric tons per hour~~ **24.8 tons**, using a baghouse (ID B2) for particulate matter control, exhausting through one (1) stack (ID Stack 9);
- (h) ~~one (1) lime bin system, with a maximum throughput capacity of 22.5 metric tons~~ **24.8 tons** per hour, using a baghouse (ID Baghouse) for particulate matter control, exhausting through one (1) stack (ID Stack 209);
- (i) ~~one (1) drying line, identified as C101, constructed in 1995, with a maximum capacity of 9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 1, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 10);
- (j) ~~one (1) drying line, identified as C102, constructed in 1996, with a maximum capacity of 9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu

- per hour, with a cyclone, identified as "Unit 2, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 110);
- (k) one (1) drying line, identified as C201, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 1, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 11);
- (l) one (1) drying line, identified as C202, constructed in 1996, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 2, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 111);
- (m) one (1) drying line, identified as C103, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 3, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 210);
- (n) one (1) drying line, identified as C104, **approved in 2016 for construction**, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 18 MMBtu per hour, with a cyclone, identified as "Unit 4, Drying First Circuit Cyclone", for particulate matter control, and a heat recovery system and wet scrubber for recovering residual heat, exhausting through one (1) stack (ID Stack 310);
- (o) one (1) drying line, identified as C203, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 3, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 211);
- (p) one (1) drying line, identified as C204, **approved in 2016 for construction**, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with one (1) natural gas-fired flour dryer, rated at 9 MMBtu per hour, with a cyclone, identified as "Unit 4, Drying Second Circuit Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 311);
- (q) one (1) flour cooler, identified as FC1, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 12);
- (r) one (1) flour cooler, identified as FC2, constructed 1996, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 112);
- (s) one (1) flour cooler, identified as FC3, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 212);
- (t) one (1) flour cooler, identified as FC4, **approved in 2016 for construction**, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, with a cyclone, identified as "Flour Cooler Cyclone", for particulate matter control, exhausting through one (1) stack (ID Stack 312);
- (u) one (1) flour sifter system, identified as FS1, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~**10.27 tons** per hour, using a baghouse (ID B3) for particulate matter control, exhausting through one (1) stack (ID Stack 13);

- (v) one (1) flour sifter system, identified as FS2, constructed in 1996, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B4) for particulate matter control, exhausting through one (1) stack (ID Stack 113);
- (w) one (1) flour sifter system, identified as FS3, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with three (3) separate steps, each using a baghouse for particulate matter control, exhausting through three (3) stacks (ID Stack 254, 255, & 256);
- (x) one (1) flour sifter system, identified as FS4, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, with three (3) separate steps, each using a baghouse for particulate matter control, exhausting through three (3) stacks (ID Stack 354, 355, & 356);
- (y) one (1) milled and dried flour unit, identified as MDF1, constructed in 1995, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B5) for particulate matter control, exhausting through one (1) stack (ID Stack 14);
- (z) one (1) milled and dried flour unit, identified as MDF2, constructed in 1996, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B6) for particulate matter control, exhausting through one (1) stack (ID Stack 114);
- (aa) one (1) milled and dried flour unit, identified as MDF3, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B) for particulate matter control, exhausting through one (1) stack (ID Stack 214);
- (bb) one (1) milled and dried flour unit, identified as MDF4, **approved in 2016 for construction**, with a maximum capacity of ~~9.32 metric tons~~ **10.27 tons** per hour, using a baghouse (ID B) for particulate matter control, exhausting through one (1) stack (ID Stack 314);
- ***
- (ff) one (1) pair of corn skin separators, identified as CSS4N and CSS4S, **unit CSS4N with a maximum capacity of 0.647 ton per hour and unit CSS4S each** with a maximum capacity of 0.323 ton per hour, each using a baghouse (ID BN and BS, respectively) for particulate matter control, each exhausting through one (1) stack (ID Stacks 340N and 340S, respectively).
- (gg) one (1) corn skin storage system, constructed in 1995, with a maximum capacity of ~~4.294 metric tons~~ **1.43 tons** per hour, using a baghouse (ID B9) for PM control, exhausting through one (1) stack (ID Stack 15);
- (hh) one (1) rail loading system, constructed in 1995, with a maximum capacity of ~~24.77 metric tons~~ **24 tons** per hour, with a three way valve leading to three flexible lines, using a pneumatic filtering device (ID B10) for particulate matter control, exhausting indoors (ID Stack 49);
- (ii) one (1) truck loading system, constructed in 2002, sharing a pneumatic filtering device with the rail loading system for particulate matter control, exhausting indoors; ~~and~~
- (jj) ~~six two (62)~~ **two (62)** natural gas fired grain dryers, identified as ~~GD-1, GD-2, GD-3, GD-4, GD-5 and GD-6~~, **approved in 2016 for construction, each** with a maximum capacity of 73.3 tons per hour and each with a maximum heat input rate of 16.80 mm Btu per hour, **each exhausting through separate stacks (ID Stacks 3 and 103), respectively;**
- (kk) two (2) rework mill cooling fans, each exhausting through separate stacks (ID Stacks 253 and 353), respectively, each with a maximum capacity of ~~9.32 tons~~ **10.27 tons** per hour;
- (ll) **nine (9) corn storage bins, identified as Units 90-98, constructed in 2011 and permitted in 2016, for corn storage after receiving pit scalping but before cleaning, with a**

maximum capacity of 223.77 tons per hour, each bin with seven (7) exhauster vents, identified with their corresponding bin as Vent 90-1, 90-2, etc., using mesh screens for PM control, and no other particulate matter control measure.

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

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(14)] Insignificant Activities

(a) Other categories with PM and PM10 emissions below insignificant thresholds:

- (1) twenty-four (24) flour storage bins, each with one (1) baghouse for PM emissions control, each exhausting through one stack (ID Stacks 16 through 39). [326 IAC 6.5-1-2]

* * *

- (9) two (2) packaging machines, with two (2) baghouses for PM emissions control, exhausting through two (2) stacks (ID Stacks 253 and 353) respectively. [326 IAC 6.5-1-2]**

~~(910)~~sack dumping, exhausting indoors through one (1) stack (ID Stack 54).[326 IAC 6.5-1-2]

~~(101)~~two (2) lime hoppers, each with a maximum throughput capacity of 8.3 metric tons per hour, each exhausting through one (1) stack (ID Stacks 8 and 108). [326 IAC 6.5-1-2]

~~(142)~~two (2) lime hoppers, each with a maximum throughput capacity of 8.3 metric tons per hour, each exhausting through one (1) stack (ID Stacks 208 and 308); [326 IAC 6.5-1-2]

~~(13)~~ one (1) 6.0 million Btu per hour natural gas fired wet cake dryer, with an airflow rate of 4226 dry standard cubic feet per minute (dscf/min); [326 IAC 6.5-1-2]

~~(14)~~ one (1) 6.0 million Btu per hour natural gas fired wet cake dryer, with an airflow rate of 4226 dry standard cubic feet per minute (dscf/min). [326 IAC 6.5-1-2]

(13) one (1) corn impurity waste load out, identified as Unit 81, permitted in 2016, with a maximum capacity of 7.24 tons per hour, using a nylon sock chute for PM control, exhausting through one (1) stack (ID Stack 81);

(14) two (2) corn skin waste load outs, identified as Unit 82 South and 83 North, permitted in 2016, with a maximum capacity of 7.009 tons per hour, using a nylon sock chute for PM control, each exhausting through one (1) stack (ID Stack 82 and Stack 83);

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

SECTION E.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(14)]

- (e) **one (1) corn receiving pit with hood, identified as Corn Receiving Pit C, approved in 2016 for construction, exhausting through stack (ID Stack 206), located in an enclosed building, with a maximum capacity of 223.77 tons per hour, equipped with a grain scalper C to remove foreign material from the corn, with a baghouse (ID B106) for particulate matter control, exhausting through one (1) stack (ID Stack 106);**

- (j) **two (2) natural gas fired grain dryers, identified as GD-3 and GD-6, approved in 2016 for construction, each with a maximum capacity of 73.3 tons per hour and each with a maximum heat input rate of 16.80 mm Btu per hour, each exhausting through separate stacks (ID Stacks 3 and 103), respectively;**
- (II) **nine (9) corn storage bins, identified as Units 90-98, constructed in 2011 and permitted in 2016, for corn storage after receiving pit scalping but before cleaning, with a maximum capacity of 223.77 metric tons per hour, each bin with seven (7) exhaustor vents, identified with their corresponding bin as Vent 90-1, 90-2, etc., using mesh screens for PM control, and no other particulate matter control measure.**

Under NSPS 40 CFR 60, Subpart DD, the nine (9) corn storage bins, identified as Units 90-98 are considered permanent grain storage elevators and new stationary units because the construction of the nine (9) corn storage bins commenced after August 3, 1978 and they have a capacity of over one million bushels each.

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

Modification 2: updates to Section D.2 and D.3 regulations due to addition of previously constructed waste load out units and corn storage bins, and the replacement of a baghouse in the corn receiving and pre-cleaning area, construction approval of units associated with the 4th flour mill unit to be constructed in 2016, and the removal of permitted and constructed units that are no longer in service.

SECTION D.2 FACILITY OPERATION CONDITIONS

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

D.2.1 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2(a) (Vanderburgh County Particulate Limitations), particulate matter (PM) emissions from the facilities listed below shall be limited to 0.03 grains per dry standard cubic foot (gr/dscf)

Facility ID
Corn Receiving & Screening (Unit 1 and 2 Screeners)
Unit 3 Screener
Unit 4 Screener
Unit 5 Screener
Unit 6 Screener
Grain Receiving Pit A Hood
Grain Receiving Pit B Hood
Grain Receiving Pit C Hood
Grain Receiving Pit D Hood
Grain Receiving Pit A Scalper
Grain Receiving Pit B Scalper
Grain Receiving Pit C Scalper
Grain Receiving Pit D Scalper
Lime Hopper System
Lime Bin System
Drying Line C101
Drying Line C102
Drying Line C103
Drying Line C104
Drying Line C201
Drying Line C202
Drying Line C203
Drying Line C204

Rework Mill Cooling Fan I
Rework Mill Cooling Fan II
Flour Cooler FC1
Flour Cooler FC2
Flour Cooler FC3
Flour Cooler FC4
Flour Sifter System FS1
Flour Sifter System FS2
Flour Sifter System FS3 (Step1)
Flour Sifter System FS3 (Step2)
Flour Sifter System FS3 (Step3)
Flour Sifter System FS4 (Step1)
Flour Sifter System FS4 (Step2)
Flour Sifter System FS4 (Step3)
Milled & Dried Flour Unit MDF1
Milled & Dried Flour Unit MDF2
Milled & Dried Flour Unit MDF3
Milled & Dried Flour Unit MDF4
Corn Skin Separators CSS1
Corn Skin Separators CSS2N
Corn Skin Separators CSS2S
Corn Skin Separators CSS3N
Corn Skin Separators CSS3S
Corn Skin Separators CSS4N
Corn Skin Separators CSS4S
Corn Skin Storage System
Rail Loading System
Nine (9) Corn Storage Bins ID 90-98

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

D.2.4 Particulate Control

In order to demonstrate compliance with Conditions D.2.1 and D.2.2:

- (a) the baghouses for PM control shall be in operation and control emissions from the corn receiving **and screening** pits, the corn screeners/cleaners (Unit 1 through 6 Screeners), three (3) grain receiving pit hoods, A, B, and ~~DC~~, **four three (43)** grain receiving pit scalpers, A, B, **and C** ~~and D~~, one (1) lime bin system, one (1) lime hopper system, four (4) milled and dried flour units, MFD1, MFD2, MDF3 and MDF4, four (4) flour sifter systems, FS1, FS2, FS3 and FS4, two (2) rework mill cooling fans and seven (7) corn skin separators, CSS1, CSS2N, CSS2S, CSS3N, CSS3S, ~~CSS34N~~ and CSS4S, and the corn skin storage system at all times that these facilities are in operation.

- (d) **The nylon sock chute sleeve or boot shall be in operation and control emissions from the corn impurity waste load out, Unit 81, and the two (2) corn skin waste load outs Units 82 and 83, at all times that these facilities are in operation.**
- (e) **The vent mesh screens shall be in operation and control emissions from the nine (9) corn storage bins, units 90-98, at all times that these facilities are in operation.**

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

D.2.6 Visible Emissions Notations [40 CFR Part 64]

- (a) Daily visible emission notations of the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID

B13 and ID B14 stack 6 and each of the **Flour Drying Line** cyclone stacks identified as Stacks 10, 110, 210 and 310 shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

* * *

This condition satisfies the monitoring requirements under 40 CFR 64.1, CAM or Compliance Assurance Monitoring, for the following units: the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6.

D.2.7 Baghouse Parametric Monitoring [40 CFR Part 64]

* * *

This condition satisfies the monitoring requirements under 40 CFR 64.1, CAM or Compliance Assurance Monitoring, for the following units: the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6.

D.2.8 Broken or Failed Bag Detection [40 CFR Part 64]

* * *

This condition satisfies the monitoring requirements under 40 CFR 64.1, CAM or Compliance Assurance Monitoring, for the following units: the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6.

D.2.9 Cyclone Failure Detection [40 CFR Part 64]

* * *

This condition satisfies the monitoring requirements under 40 CFR 64.1, CAM or Compliance Assurance Monitoring, for the following units: the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6.

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

D.2.10 Record Keeping Requirements

- (a) To document the compliance status with Condition D.2.6, the Permittee shall maintain records of visible emission notations of the four (4) Screeners/Cleaners (Unit 3 Screener, Unit 4 Screener, Unit 5 Screener and Unit 6 Screener) cyclone/baghouses, ID B11, ID B12, ID B13 and ID B14 stack 6 and each of the **Flour Drying Line** cyclone stack exhausts identified as Stacks 10, 110, 210 and 310 once per day. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).

* * *

SECTION D.3 FACILITY OPERATION CONDITIONS

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

D.3.3 Particulate Control

In order to demonstrate the compliance with Condition 3.1, the baghouses for PM control shall be in operation and control emissions from the forty-eight (48) flour storage bins, the two (2) pneumatic conveying systems, the four (4) rework bins, the ingredients hopper, the **four (4) two (2) ~~two~~ packaging machines**, the sack dumping operation, the ~~and~~ four (4) lime hoppers, **the corn impurity waste load out, and the two (2) corn skin waste load outs** at all times that these facilities are in operation.

Modification 3: updates to Section E.2 regulations due to the addition of corn storage bins that increased the permanent storage capacity to over 1 million bushels (3,348,414 bushels), the corn receiving Pit C Hood and Scalper, and the two (2) grain dryers:

SECTION E.2 FACILITY OPERATION CONDITIONS

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

E.2.1 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the nine (9) corn storage bins, the corn receiving Pit C Hood and Scalper, and the two (2) grain dryers described in this section except when otherwise specified in 40 CFR Part 60, Subpart DD.

E.2.2 Standards of Performance for Grain Elevators [40 CFR Part 60, Subpart DD]

Pursuant to 40 CFR Part 60, Subpart DD, the Permittee shall comply with the provisions of the New Source Performance Standards for Grain Elevators, as specified as follows.

- (a) 40 CFR 60.300
- (b) 40 CFR 60.301
- (c) 40 CFR 60.302(b), (c)(1), (2)
- (d) 40 CFR 60.303
- (e) 40 CFR 60.304

Additional Changes

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

Change 1: 326 IAC 2-7-1 was updated on August 1, 2014. This rule update changed the rule cite for the definition of “Regulated Pollutant” used only for purposes of “Emission Reporting”. Therefore, Section C Emission Statement has been updated accordingly.

C.15 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]
*** regulated pollutants as defined by 326 IAC 2-7-1(~~33~~) (~~32~~)

Change 2: IDEM added the rule citation 326 IAC 2-7-5(1) to the Compliance Determination Requirements subsection title in Sections D. 2 to clarify the authority of these conditions.

SECTION D.2 Compliance Determination Requirements [326 IAC 2-7-5(1)]

Change 3: IDEM added the rule citation 326 IAC 2-7-5(1) to the New Source Performance Standards (NSPS) Requirements subsection title in Sections E.1 to E.2 to clarify the authority of these conditions .

SECTION E.1 New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

SECTION E.2 New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

Conclusion and Recommendation

The construction of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Minor Source Modification No. 163-36194-00107 and Significant Permit Modification No. 163-36306-00107. The staff recommends to the Commissioner that these Part 70 Significant Source Modification and Significant Permit Modification be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Jean Fix at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-8531 or toll free at 1-800-451-6027 extension 4-8531.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Permit Guide on the Internet at: <http://www.in.gov/idem/5881.htm>; and the Citizens' Guide to IDEM on the Internet at: <http://www.in.gov/idem/6900.htm>.

Appendix A: Emissions Calculations Summary

Company Name: Azteca Milling, L.P.
 Address City IN Zip: 15700 Highway 41 North, Evansville, Indiana 47725
 Operating Part 70 Permit No.: 163-30167-00107
 Operating Permit Issuance Date: 12/5/2011
 SSM No.: 163-36194-00107
 SPM No.: 163-36306-00107
 Reviewer: Jean Fix

Uncontrolled Summary

Process/Emission Unit	PM	PM10*	PM2.5	SO ₂	NO _x	VOC	CO	Single Greatest HAP		Combined HAPs
Boilers 1, 2, 3 and 4	0.35	1.39	1.39	0.11	18.33	1.01	15.39	0.33	Hexane	0.35
Lime Bin System	0.03	0.01	0.003	--	--	--	--	--	--	--
Flour Drying Lines (C101-C103 and C201-203)*	59.40	14.85	2.54	--	--	5.00	--	--	--	--
Flour Drying Lines combustion	0.674	2.696	2.696	0.213	35.478	1.951	29.802	0.639	Hexane	0.67
Seven (7) Corn Skin Separators	51.41	51.41	51.41	--	--	--	--	--	--	--
Eight (8) Flour Sifter Systems	97.20	24.48	24.48	--	--	--	--	--	--	--
Grain Receiving Pit Hoods A and B	210.72	64.49	2.25	--	--	--	--	--	--	--
Grain Receiving Pit Scalpers A and B	119.6	66.6	11.4	--	--	--	--	--	--	--
Three (3) Milled and Dried Flour Units	8.23	4.59	0.78	--	--	--	--	--	--	--
Two (2) Rework Mill Cooling Fans	5.49	3.06	0.52	--	--	--	--	--	--	--
Three (3) Flour Coolers	29.70	7.42	1.27	--	--	--	--	--	--	--
Corn Skin Storage	0.21	0.21	0.21	--	--	--	--	--	--	--
Truck/Rail Loading System	3.47	3.47	3.47	--	--	--	--	--	--	--
Total from 6 Corn Screeners/Cleaners	6523.2	604.8	518.4	--	--	--	--	--	--	--
pneumatic conveying system for flour system	225.8	73.8	48.3	--	--	--	--	--	--	--
Insignificant Activities	34.48	28.09	26.16	--	--	--	--	--	--	--
Corn Impurity Waste Load Out East	2.73	0.92	0.16	--	--	--	--	--	--	--
Two (2) Corn Skin Waste Load Outs	5.27	1.78	0.30	--	--	--	--	--	--	--
Uncontrolled PTE prior to Modification	7377.91	954.11	695.76	0.32	53.80	7.96	45.20	0.97	Hexane	1.01

*Includes VOC emissions from the drying line C101 which were determined to be 0.48 lbs/hr from the stack test conducted at the source using method 25 A.

New Units

Nine (9) Corn Storage Bins	73.51	18.52	3.23	--	--	--	--	--	--	--
Grain Dryers GD3 and GD6	141.26	35.32	6.04	--	--	--	--	--	--	--
Grain Dryers GD3 and GD6 combustion	0.28	1.12	1.12	0.09	14.72	0.81	12.36	0.26	Hexane	0.28
Flour Drying Lines C104 and C204	19.80	4.95	0.85	--	--	--	--	--	--	--
Flour Drying Lines combustion	0.22	0.90	0.90	0.1	11.8	0.7	9.9	0.2	Hexane	0.2
Grain Receiving Pit Hood C	105.36	32.25	1.13	--	--	--	--	--	--	--
Grain Receiving Pit Scalper C	59.79	33.32	5.68	--	--	--	--	--	--	--
One (1) Milled and Dried Flour Unit MDF4	2.74	1.53	0.26	--	--	--	--	--	--	--
One (1) Flour Cooler FC4	9.90	2.47	0.42	--	--	--	--	--	--	--
Uncontrolled PTE of the Modification - New Units	412.87	130.38	19.63	0.16	26.54	1.46	22.30	0.48	Hexane	0.50

Controlled Summary

Process/Emission Unit	PM	PM10*	PM2.5	SO ₂	NO _x	VOC	CO	Single Greatest HAP		Combined HAPs
Boilers 1, 2, 3 and 4	0.35	1.39	1.39	0.11	18.33	1.01	15.39	0.33	Hexane	0.35
Lime Bin System	0.0003	0.0001	0.0000	--	--	--	--	--	--	--
Flour Drying Lines*	0.59	0.15	0.03	--	--	5.00	--	--	--	--
Flour Drying Lines combustion	0.674	2.70	2.70	0.21	35.48	1.95	29.80	0.64	Hexane	0.67
Seven (7) Corn Skin Separators	0.514	0.514	0.514	--	--	--	--	--	--	--
Eight (8) Flour Sifter Systems	0.97	0.24	0.24	--	--	--	--	--	--	--
Grain Receiving Pit Hoods A and B	21.07	6.45	0.23	--	--	--	--	--	--	--
Grain Receiving Pit Scalpers A and B	1.20	0.67	0.11	--	--	--	--	--	--	--
Three (3) Milled and Dried Flour Units	0.08	0.05	0.01	--	--	--	--	--	--	--
Two (2) Rework Mill Cooling Fans	0.05	0.03	0.01	--	--	--	--	--	--	--
Three (3) Flour Coolers	0.30	0.07	0.01	--	--	--	--	--	--	--
Corn Skin Storage	0.002	0.002	0.002	--	--	--	--	--	--	--
Truck/Rail Loading System	0.03	0.03	0.03	--	--	--	--	--	--	--
Total from 6 Corn Screeners/Cleaners	65.23	6.05	5.18	--	--	--	--	--	--	--
pneumatic conveying system for flour system	2.26	0.74	0.48	--	--	--	--	--	--	--
Insignificant Activities	3.55	2.91	2.71	--	--	--	--	--	--	--
Corn Impurity Waste Load Out East	2.73	0.92	0.16	--	--	--	--	--	--	--
Two (2) Corn Skin Waste Load Outs (N&S)	5.27	1.78	0.30	--	--	--	--	--	--	--
Controlled PTE prior to Modification	104.88	24.69	14.11	0.32	53.80	7.96	45.20	0.97	Hexane	1.01

*Includes VOC emissions from the drying line C101 which were determined to be 0.48 lbs/hr from the stack test conducted at the source using method 25 A.

New Units

Nine (9) Corn Storage Bins	36.75	9.26	1.62	--	--	--	--	--	--	--
Grain Dryers GD3 and GD6	141.26	35.32	6.04	--	--	--	--	--	--	--
Grain Dryers GD3 and GD6 combustion	0.28	1.12	1.12	0.09	14.72	0.81	12.36	0.26	Hexane	0.28
Flour Drying Lines	0.20	0.05	0.01	--	--	--	--	--	--	--
Flour Drying Lines combustion	0.22	0.90	0.90	0.07	11.83	0.65	9.93	0.21	Hexane	0.22
Grain Receiving Pit Hood C	10.54	3.22	0.11	--	--	--	--	--	--	--
Grain Receiving Pit Scalper C	0.60	0.33	0.06	--	--	--	--	--	--	--
One (1) Milled and Dried Flour Unit MDF4	0.03	0.02	0.003	--	--	--	--	--	--	--
One (1) Flour Cooler FC4	0.10	0.02	0.004	--	--	--	--	--	--	--
Controlled PTE of the Modification - New Units	189.98	50.24	9.86	0.16	26.54	1.46	22.30	0.48	Hexane	0.50
Source Wide Controlled Emissions	294.86	74.93	23.97	0.48	80.35	9.42	67.49	1.45	Hexane	1.51

<i>Title V Significance Thresholds</i>	NA	100	100	100	100	100	100	10		25
<i>PSD Significance Thresholds</i>	250	250	250	250	250	250	250	NA	NA	NA

Appendix A: Emissions Calculations Summary

Company Name: Azteca Milling, L.P.
Address City IN Zip: 15700 Highway 41 North, Evansville, Indiana 47725
Operating Part 70 Permit No.: 163-30167-00107
Operating Permit Issuance Date.: 12/5/2011
SSM No.: 163-36194-00107
SPM No.: 163-36306-00107
Reviewer: Jean Fix

Limited Summary

Process/Emission Unit	PM	PM10*	PM2.5	SO ₂	NO _x	VOC	CO	Single Greatest HAP		Combined HAPs
Boilers 1, 2, 3 and 4	0.35	1.39	1.39	0.11	18.33	1.01	15.39	0.33	Hexane	0.35
Lime Bin System	0.0003	0.0001	0.0000	--	--	--	--	--	--	--
Flour Drying Lines *	0.59	0.15	0.03	--	--	5.00	--	--	--	--
Flour Drying Lines combustion	0.674	2.696	2.696	0.213	35.478	1.951	29.802	0.639	Hexane	0.668
Seven (7) Corn Skin Separators	0.514	0.514	0.514	--	--	--	--	--	--	--
Eight (8) Flour Sifter Systems	0.97	0.24	0.24	--	--	--	--	--	--	--
Grain Receiving Pit Hoods A and B	21.07	6.45	0.23	--	--	--	--	--	--	--
Grain Receiving Pit Scalpers A and B	1.20	0.67	0.11	--	--	--	--	--	--	--
Three (3) Milled and Dried Flour Units	0.08	0.05	0.01	--	--	--	--	--	--	--
Two (2) Rework Mill Cooling Fans	0.05	0.03	0.01	--	--	--	--	--	--	--
Three (3) Flour Coolers	0.30	0.07	0.01	--	--	--	--	--	--	--
Corn Skin Storage	0.002	0.002	0.002	--	--	--	--	--	--	--
Truck/Rail Loading System	0.03	0.03	0.03	--	--	--	--	--	--	--
Total from Corn Screeners/Cleaners 3-6 **	24.53	1.68	1.44	--	--	--	--	--	--	--
Total from 1 & 2 Corn Screeners/Cleaners	47.11	4.37	3.74	--	--	--	--	--	--	--
pneumatic conveying system for flour system	2.26	0.74	0.48	--	--	--	--	--	--	--
Insignificant Activities	3.55	2.91	2.71	--	--	--	--	--	--	--
Corn Impurity Waste Load Out East	2.73	0.92	0.16	--	--	--	--	--	--	--
Two (2) Corn Skin Waste Load Outs (N&S)	5.27	1.78	0.30	--	--	--	--	--	--	--
Limited PTE prior to Modification	111.29	24.69	14.11	0.32	53.80	7.96	45.20	0.97	Hexane	1.01

*Includes VOC emissions from the drying line C101 which were determined to be 0.48 lbs/hr from the stack test conducted at the source using method 25 A.

** PSD) Minor Limits [326 IAC 2-2] combined emissions of 5.6 lb/hr - pursuant to MSM 27516 issued 12/15/2009

New Units

Nine (9) Corn Storage Bins	36.75	9.26	1.62	--	--	--	--	--	--	--
Grain Dryers GD3 and GD6	141.26	35.32	6.04	--	--	--	--	--	--	--
Grain Dryers GD3 and GD6 combustion	0.28	1.12	1.12	0.09	14.72	0.81	12.36	0.26	Hexane	0.28
Flour Drying Line	0.20	0.05	0.01	--	--	--	--	--	--	--
Flour Drying Line combustion	0.22	0.90	0.90	0.07	11.83	0.65	9.93	0.21	Hexane	0.22
Corn Receiving Pit C Hood	10.54	3.22	0.11	--	--	--	--	--	--	--
Grain Receiving Pit C Scalper	0.60	0.33	0.06	--	--	--	--	--	--	--
Milled & Dried Flour Unit	0.03	0.02	0.00	--	--	--	--	--	--	--
Flour Cooler	0.10	0.02	0.00	--	--	--	--	--	--	--
Limited PTE of the Modification - New Units	189.98	50.24	9.86	0.16	26.54	1.46	22.30	0.48	Hexane	0.50
Source Wide Limited Emissions	301.27	74.93	23.97	0.48	80.35	9.42	67.49	1.45	Hexane	1.51
<i>Title V Significance Thresholds</i>	<i>NA</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>10</i>		<i>25</i>
<i>PSD Significance Thresholds</i>	<i>25</i>	<i>15</i>	<i>10</i>	<i>250</i>	<i>250</i>	<i>250</i>	<i>250</i>	<i>NA</i>	<i>NA</i>	<i>NA</i>

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

Emission Unit ID	Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr
Steam Boiler 1	10.46	91.6
Steam Boiler 2	10.46	91.6
Steam Boiler 3	10.46	91.6
Steam Boiler 4	10.46	91.6
Flour Dryer C101	18.00	157.7
Flour Dryer C102	18.00	157.7
Flour Dryer C103	18.00	157.7
Flour Dryer C104	18.00	157.7
Flour Dryer C201	9.00	78.8
Flour Dryer C202	9.00	78.8
Flour Dryer C203	9.00	78.8
Flour Dryer C204	9.00	78.8
Grain Dryer GD3	16.80	147.2
Grain Dryer GD6	16.80	147.2

Company Name: Azteca Milling, L.P.
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SSM No.: 163-36194-00107
SPM No.: 163-36306-00107
Reviewer: Jean Fix

Emission Factor in lb/MMCF	Pollutant						
	PM*	PM10*	PM2.5*	SO2	NOx	VOC	CO
0	1.9	7.6	7.6	0.6	100.0	5.5	84.0
					**see below		
Steam Boiler 1 Potential Emission in tons/yr	0.09	0.35	0.35	0.027	4.58	0.25	3.85
Steam Boiler 2 Potential Emission in tons/yr	0.09	0.35	0.35	0.027	4.58	0.25	3.85
Steam Boiler 3 Potential Emission in tons/yr	0.09	0.35	0.35	0.027	4.58	0.25	3.85
Steam Boiler 4 Potential Emission in tons/yr	0.09	0.35	0.35	0.027	4.58	0.25	3.85
Flour Dryer C101 Potential Emission in tons/yr	0.15	0.60	0.60	0.047	7.88	0.43	6.62
Flour Dryer C102 Potential Emission in tons/yr	0.15	0.60	0.60	0.047	7.88	0.43	6.62
Flour Dryer C103 Potential Emission in tons/yr	0.15	0.60	0.60	0.047	7.88	0.43	6.62
Flour Dryer C201 Potential Emission in tons/yr	0.07	0.30	0.30	0.024	3.94	0.22	3.31
Flour Dryer C202 Potential Emission in tons/yr	0.07	0.30	0.30	0.024	3.94	0.22	3.31
Flour Dryer C203 Potential Emission in tons/yr	0.07	0.30	0.30	0.024	3.94	0.22	3.31
Total Emissions in tons/yr	1.02	4.09	4.09	0.32	53.80	2.96	45.20

New Units

Flour Dryer C104 Potential Emission in tons/yr	0.15	0.60	0.60	0.05	7.88	0.43	6.62
Flour Dryer C204 Potential Emission in tons/yr	0.07	0.30	0.30	0.02	3.94	0.22	3.31
Grain Dryer GD3 Potential Emission in tons/yr	0.14	0.56	0.56	0.04	7.36	0.40	6.18
Grain Dryer GD6 Potential Emission in tons/yr	0.14	0.56	0.56	0.04	7.36	0.40	6.18
Total Emissions (new units) in tons/yr	0.50	2.02	2.02	0.16	26.54	1.46	22.30
Grand Total Emissions in tons/yr	1.53	6.11	6.11	0.48	80.35	4.42	67.49

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

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

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03

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

See page 4 for HAPs emissions calculations.

Appendix A: Emissions Calculations

Natural Gas Combustion Only

MM BTU/HR <100

Emission Unit ID	Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr
Steam Boiler 1	10.46	91.6
Steam Boiler 2	10.46	91.6
Steam Boiler 3	10.46	91.6
Steam Boiler 4	10.46	91.6
Flour Dryer C101	18.00	157.7
Flour Dryer C102	18.00	157.7
Flour Dryer C103	18.00	157.7
Flour Dryer C104	18.00	157.7
Flour Dryer C201	9.00	78.8
Flour Dryer C202	9.00	78.8
Flour Dryer C203	9.00	78.8
Flour Dryer C204	9.00	78.8
Grain Dryer GD3	16.80	147.2
Grain Dryer GD6	16.80	147.2

Company Name: Azteca Milling, L.P.
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SSM No.: 163-36194-00107
SPM No.: 163-36306-00107
Reviewer: Jean Fix

Pollutant

Emission Factor in lb/MMCF	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03	All Total (ton/yr)
Steam Boiler 1 Potential Emission in tons/yr	0.00	0.00	0.00	0.082	0.00	0.00	0.00	0.00	0.00	0.00	0.09
Steam Boiler 2 Potential Emission in tons/yr	0.00	0.00	0.00	0.082	0.00	0.00	0.00	0.00	0.00	0.00	0.09
Steam Boiler 3 Potential Emission in tons/yr	0.00	0.00	0.00	0.082	0.00	0.00	0.00	0.00	0.00	0.00	0.09
Steam Boiler 4 Potential Emission in tons/yr	0.00	0.00	0.00	0.082	0.00	0.00	0.00	0.00	0.00	0.00	0.09
Flour Dryer C101 Potential Emission in tons/yr	0.00	0.00	0.01	0.142	0.00	0.00	0.00	0.00	0.00	0.00	0.15
Flour Dryer C102 Potential Emission in tons/yr	0.00	0.00	0.01	0.142	0.00	0.00	0.00	0.00	0.00	0.00	0.15
Flour Dryer C103 Potential Emission in tons/yr	0.00	0.00	0.01	0.142	0.00	0.00	0.00	0.00	0.00	0.00	0.15
Flour Dryer C201 Potential Emission in tons/yr	0.00	0.00	0.00	0.071	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Flour Dryer C202 Potential Emission in tons/yr	0.00	0.00	0.00	0.071	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Flour Dryer C203 Potential Emission in tons/yr	0.00	0.00	0.00	0.071	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Total Emissions in tons/yr	0.00	0.00	0.04	0.97	0.00	0.00	0.00	0.00	0.00	0.00	1.01

New Units

Flour Dryer C104 Potential Emission in tons/yr	0.00	0.00	0.01	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.15
Flour Dryer C204 Potential Emission in tons/yr	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.07
Grain Dryer GD3 Potential Emission in tons/yr	0.00	0.00	0.01	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.14
Grain Dryer GD6 Potential Emission in tons/yr	0.00	0.00	0.01	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.14
Total Emissions (new units) in tons/yr	0.00	0.00	0.02	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.50
Grand Total Emissions in tons/yr	0.00	0.00	0.06	1.45	0.00	0.00	0.00	0.00	0.00	0.00	1.51

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

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03

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

**Appendix A: Emissions Calculations
Grain processing**

Company Name: Azteca Milling, L.P.
 Address City IN Zip: 15700 Highway 41 North, Evansville, Indiana 47725
 Operating Part 70 Permit No.: 163-30167-00107
 Operating Permit Issuance Date: 12/5/2011
 SSM No.: 163-36194-00107
 SPM No.: 163-36306-00107
 Reviewer: Jean Fix

Process Description	Unit ID	S/V ID	Throughput (Short Tons/Hr)	Throughput (Metric Tons/Hr)	Control Description	PM EF (Lb/Ton)	PM10 EF (Lb/Ton)	PM2.5 EF (Lb/Ton)	Uncontrolled PTE			EF Source
									PM (Tons/Yr)	PM10 (Tons/Yr)	PM2.5 (Tons/Yr)	
Flour Drying Line	C101	10	10.27	9.32	Unit 1 Drying 1st Cyclone	0.220	0.055	0.0094	9.90	2.47	0.42	Fire (SCC 30200753)
Flour Drying Line	C102	110	10.27	9.32	Unit 2 Drying 1st Cyclone	0.220	0.055	0.0094	9.90	2.47	0.42	Fire (SCC 30200753)
Flour Drying Line	C103	210	10.27	9.32	Unit 3 Drying 1st Cyclone	0.220	0.055	0.0094	9.90	2.47	0.42	Fire (SCC 30200753)
Flour Drying Line	C201	11	10.27	9.32	Unit 1 Drying 2nd Cyclone	0.220	0.055	0.0094	9.90	2.47	0.42	Fire (SCC 30200753)
Flour Drying Line	C202	111	10.27	9.32	Unit 2 Drying 2nd Cyclone	0.220	0.055	0.0094	9.90	2.47	0.42	Fire (SCC 30200753)
Flour Drying Line	C203	211	10.27	9.32	Unit 3 Drying 2nd Cyclone	0.220	0.055	0.0094	9.90	2.47	0.42	Fire (SCC 30200753)
Corn Skin Separator	CSS1	40	0.647		Baghouse B8	3.300	3.300	3.300	9.35	9.35	9.35	AP-42, Table 9.9.1.1 (SCC 30200745)
Corn Skin Separator	CSS2S	140S	0.323		Baghouse B9S	3.300	3.300	3.300	4.67	4.67	4.67	AP-42, Table 9.9.1.1 (SCC 30200745)
Corn Skin Separator	CSS2N	140N	0.323		Baghouse B9N	3.300	3.300	3.300	4.67	4.67	4.67	AP-42, Table 9.9.1.1 (SCC 30200745)
Corn Skin Separator	CSS3N	240N	0.647		Baghouse BN	3.300	3.300	3.300	9.35	9.35	9.35	AP-42, Table 9.9.1.1 (SCC 30200745)
Corn Skin Separator	CSS3S	240S	0.647		Baghouse BS	3.300	3.300	3.300	9.35	9.35	9.35	AP-42, Table 9.9.1.1 (SCC 30200745)
Corn Skin Separator	CSS4N	340N	0.647		Baghouse BN	3.300	3.300	3.300	9.35	9.35	9.35	AP-42, Table 9.9.1.1 (SCC 30200745)
Corn Skin Separator	CSS4S	340S	0.323		Baghouse BS	3.300	3.300	3.300	4.67	4.67	4.67	AP-42, Table 9.9.1.1 (SCC 30200745)
Flour Sifter System	FS1	13	10.27	9.32	Baghouse B3	0.27	0.068	0.068	12.15	3.06	3.06	AP-42, Table 9.9.1.1
Flour Sifter System	FS2	113	10.27	9.32	Baghouse B4	0.27	0.068	0.068	12.15	3.06	3.06	AP-42, Table 9.9.1.1
Flour Sifter System	FS3	254	10.27	9.32	Baghouse Step 1	0.27	0.068	0.068	12.15	3.06	3.06	AP-42, Table 9.9.1.1
Flour Sifter System	FS3	255	10.27	9.32	Baghouse Step 2	0.27	0.068	0.068	12.15	3.06	3.06	AP-42, Table 9.9.1.1
Flour Sifter System	FS3	256	10.27	9.32	Baghouse Step 3	0.27	0.068	0.068	12.15	3.06	3.06	AP-42, Table 9.9.1.1
Flour Sifter System	FS4	354	10.27	9.32	Baghouse Step 1	0.27	0.068	0.068	12.15	3.06	3.06	AP-42, Table 9.9.1.1
Flour Sifter System	FS4	355	10.27	9.32	Baghouse Step 2	0.27	0.068	0.068	12.15	3.06	3.06	AP-42, Table 9.9.1.1
Flour Sifter System	FS4	356	10.27	9.32	Baghouse Step 3	0.27	0.068	0.068	12.15	3.06	3.06	AP-42, Table 9.9.1.1
Corn Receiving Pit A Hood	Pit A	1	223.77	203	Baghouse 1	0.108	0.033	0.001	105.36	32.25	1.13	AP-42, Table 9.9.1.1 (SCC 30200551+SCC 30200552)/2
Corn Receiving Pit B Hood	Pit B	101	223.77	203	Baghouse 101	0.108	0.033	0.001	105.36	32.25	1.13	AP-42, Table 9.9.1.1 (SCC 30200551+SCC 30200552)/2
Corn Receiving Pit A Scalper	2	223.77	203	Baghouse 2 & 102	0.061	0.034	0.0058	59.79	33.32	5.68	AP-42, Table 9.9.1.1 (SCC 30200530)	
Corn Receiving Pit B Scalper	102	223.77	203	Baghouse 102	0.061	0.034	0.0058	59.79	33.32	5.68	AP-42, Table 9.9.1.1 (SCC 30200530)	
Corn Receiving & Screening			207.69		Pneumatic filtering device	0.061	0.034	0.0060	55.49	30.93	5.46	AP-42, Table 9.9.1.1 (SCC 30200530)
Corn Cleaner Unit 1	Units 1	6	33.07	30	Cyclone in series with Baghouse B1	7.506	0.6959	0.5965	1087.20	100.80	86.40	AP 42, Table 9.9.1.1, PM10 and PM2.5 EF from stack test done on June 12 and 17, 2009
Corn Cleaner Unit 2	Unit 2	6	110.23	100	Cyclone in series with Baghouse B1	7.506	0.6959	0.5965	3623.99	335.99	288.00	AP 42, Table 9.9.1.1, PM10 and PM2.5 EF from stack test done on June 12 and 17, 2009
Corn Cleaner Unit 3	Unit 3	6	13.78	12.5	Cyclone in series with Baghouse B11	7.506	0.6959	0.5965	453.00	42.00	36.00	AP 42, Table 9.9.1.1, PM10 and PM2.5 EF from stack test done on June 12 and 17, 2009
Corn Cleaner Unit 4	Unit 4	6	13.78	12.5	Cyclone in series with Baghouse B12	7.506	0.6959	0.5965	453.00	42.00	36.00	AP 42, Table 9.9.1.1, PM10 and PM2.5 EF from stack test done on June 12 and 17, 2009
Corn Cleaner Unit 5	Unit 5	6	13.78	12.5	Cyclone in series with Baghouse B13	7.506	0.6959	0.5965	453.00	42.00	36.00	AP 42, Table 9.9.1.1, PM10 and PM2.5 EF from stack test done on June 12 and 17, 2009
Corn Cleaner Unit 6	Unit 6	6	13.78	12.5	Cyclone in series with Baghouse B14	7.506	0.6959	0.5965	453.00	42.00	36.00	AP 42, Table 9.9.1.1, PM10 and PM2.5 EF from stack test done on June 12 and 17, 2009
Lime Bin System	9	24.80	22.5	Baghouse B2	0.0001	0.00005	0.00001	0.015	0.005	0.001	AP-42, Table 9.9.1.1 (SCC 30200540)	
Lime Bin System	209	24.80	22.5	Baghouse	0.0001	0.00005	0.00001	0.015	0.005	0.001	AP-42, Table 9.9.1.1 (SCC 30200540)	
Milled & Dried Flour Unit	MDF1	14	10.27	9.32	Baghouse B5	0.061	0.034	0.0058	2.74	1.53	0.26	AP-42, Table 9.9.1.1
Milled & Dried Flour Unit	MDF2	114	10.27	9.32	Baghouse B6	0.061	0.034	0.0058	2.74	1.53	0.26	AP-42, Table 9.9.1.1
Milled & Dried Flour Unit	MDF3	214	10.27	9.32	Baghouse B	0.061	0.034	0.0058	2.74	1.53	0.26	AP-42, Table 9.9.1.1
Rework Mill Cooling Fan	253	10.27	9.32	Baghouse	0.061	0.034	0.0058	2.74	1.53	0.26	AP-42, Table 9.9.1.1	
Rework Mill Cooling Fan	353	10.27	9.32	Baghouse	0.061	0.034	0.0058	2.74	1.53	0.26	AP-42, Table 9.9.1.1	
Flour Cooler	FC1	12	10.27	9.32	Flour Cooler Cyclone	0.22	0.06	0.0094	9.90	2.47	0.42	AP-42, Table 9.9.1.1
Flour Cooler	FC2	112	10.27	9.32	Flour Cooler Cyclone	0.22	0.06	0.0094	9.90	2.47	0.42	AP-42, Table 9.9.1.1
Flour Cooler	FC3	212	10.27	9.32	Flour Cooler Cyclone	0.22	0.06	0.0094	9.90	2.47	0.42	AP-42, Table 9.9.1.1
Corn Skin Storage System	15	1.43	1.294	Baghouse B9	0.033	0.033	0.0330	0.21	0.21	0.21	AP-42, Table 9.9.1.1	
pneumatic conveying system for flour system	43-48,251 and 252		144	Baghouses	0.270	0.0680	0.0680	170.29	42.89	42.89	AP-42, Table 9.9.1.1	
Truck/Rail Loading System	49	24.00	21.77	Pneumatic filtering device B10	0.033	0.033	0.0330	3.47	3.47	3.47	AP-42, Table 9.9.1.1	
Corn Impurity Waste Load Out East	81	81	7.25	Nylon Sock Chute Sleeve, Boot	0.086	0.029	0.0049	2.73	0.92	0.16	AP-42, Table 9.9.1.1	
Corn Skin Waste Load Out South	82	82	7	Nylon Sock Chute Sleeve, Boot	0.086	0.029	0.0049	2.64	0.89	0.15	AP-42, Table 9.9.1.1	
Corn Skin Waste Load Out North	83	83	7	Nylon Sock Chute Sleeve, Boot	0.086	0.029	0.0049	2.64	0.89	0.15	AP-42, Table 9.9.1.1	
Uncontrolled Emissions (TPY)									7342.40	921.94	665.50	
New Units												
*Corn Storage Bins	90	90-1 to 90-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
*Corn Storage Bins	91	91-1 to 91-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
*Corn Storage Bins	92	92-1 to 92-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
*Corn Storage Bins	93	93-1 to 93-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
*Corn Storage Bins	94	94-1 to 94-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
*Corn Storage Bins	95	95-1 to 95-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
*Corn Storage Bins	96	96-1 to 96-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
*Corn Storage Bins	97	97-1 to 97-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
*Corn Storage Bins	98	98-1 to 98-7			Mesh Screen							AP-42, Table 9.9.1.1 (SCC 30200540)
Flour Drying Line	C104	310	10.27	9.32	Unit 4 Drying 1st Cyclone	0.220	0.055	0.0094	9.90	2.47	0.42	Fire (SCC 30200753)
Flour Drying Line	C204	311	10.27	9.32	Unit 4 Drying 2nd Cyclone	0.220	0.055	0.0094	9.90	2.47	0.42	Fire (SCC 30200753)
Corn Receiving Pit C Hood	Pit C	206	223.77	203	Baghouse 51	0.108	0.033	0.001	105.36	32.25	1.13	AP-42, Table 9.9.1.1 (SCC 30200551+SCC 30200552)/2
Grain Receiving Pit C Scalper	106	223.77	203	Baghouse 106	0.061	0.034	0.0058	59.79	33.32	5.68	AP-42, Table 9.9.1.1 (SCC 30200530)	
Grain Dryers	GD-3 and GD-6	3 and 103	146.6		None	0.220	0.055	0.0094	141.26	35.32	6.04	Fire (SCC 30200753)
Milled & Dried Flour Unit	MDF4	314	10.27	9.32	Baghouse B	0.061	0.034	0.0058	2.74	1.53	0.26	AP-42, Table 9.9.1.1
Flour Cooler	FC4	312	10.27	9.32	Flour Cooler Cyclone	0.22	0.06	0.0094	9.90	2.47	0.42	AP-42, Table 9.9.1.1
Uncontrolled Emissions (tpy)									412.4	128.4	17.6	
All Uncontrolled Emissions (tpy)									7754.8	1050.3	683.1	

*Note: Throughput for each receiving pit is 223.77 tons/hr. There are 3 receiving pits which is a total hourly throughput of 671.31 tons/hr (223.77*3). Each pit can serve the storage bins simultaneously, however, the batch process can only fill a maximum of 3 bins at a time (1 pit to 1 storage bin = 3 emission points). Therefore, the storage bin filling is considered a batch process and has a combined maximum capacity of 671.31 tons/hr, which is equivalent to the hourly rate of the three receiving pits combined.

Methodology:
 Uncontrolled PM/PM₁₀ (ton/hr) = Throughput (ton/hr) * EF (lb/ton) * 8760 (hr/yr) * 1 ton/2000lb
 1 metric ton = 1.10231131 short tons

Appendix A: Controlled Process Particulate Emissions

Company Name: Azteca Milling, L.P.
 Address City IN Zip: 15700 Highway 41 North, Evansville, Indiana 47725
 Operating Part 70 Permit No.: 163-30167-00107
 Operating Permit Issuance Date.: 12/5/2011
 SSM No.: 163-36194-00107
 SPM No.: 163-36306-00107
 Reviewer: Jean Fix

Emission Unit ID	Control Device ID No.	Air Flow Rate (acfm)	Control Efficiency	Uncontrolled PTE			Controlled PM (lbs/hr)	Controlled PM10 (lbs/hr)	Controlled PM2.5 (lbs/hr)	Controlled PM (tons/yr)	Controlled PM10 (tons/yr)	Controlled PM2.5 (tons/yr)	
				PM (Tons/Yr)	PM10 (Tons/Yr)	PM2.5 (Tons/Yr)							
Flour Drying Line	Unit 1 Drying 1st Cyclone	45000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Flour Drying Line	Unit 2 Drying 1st Cyclone	45000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Flour Drying Line	Unit 3 Drying 1st Cyclone	45000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Flour Drying Line	Unit 1 Drying 2nd Cyclone	35000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Flour Drying Line	Unit 2 Drying 2nd Cyclone	35000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Flour Drying Line	Unit 3 Drying 2nd Cyclone	35000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Corn Skin Separator	Baghouse B8	6518.00	99.00%	9.35	9.35	9.35	0.021	0.021	0.021	0.094	0.094	0.094	
Corn Skin Separator	Baghouse B9S	6518.00	99.00%	4.67	4.67	4.67	0.011	0.011	0.011	0.047	0.047	0.047	
Corn Skin Separator	Baghouse B9N	6518.00	99.00%	4.67	4.67	4.67	0.011	0.011	0.011	0.047	0.047	0.047	
Corn Skin Separator	Baghouse BN	4000.00	99.00%	9.35	9.35	9.35	0.021	0.021	0.021	0.094	0.094	0.094	
Corn Skin Separator	Baghouse BS	4000.00	99.00%	9.35	9.35	9.35	0.021	0.021	0.021	0.094	0.094	0.094	
Corn Skin Separator	Baghouse BN	4000.00	99.00%	9.35	9.35	9.35	0.021	0.021	0.021	0.094	0.094	0.094	
Corn Skin Separator	Baghouse BS	4000.00	99.00%	4.67	4.67	4.67	0.011	0.011	0.011	0.047	0.047	0.047	
Flour Sifter System	Baghouse B3	360.00	99.00%	12.15	3.06	3.06	0.028	0.007	0.007	0.121	0.031	0.031	
Flour Sifter System	Baghouse B4	360.00	99.00%	12.15	3.06	3.06	0.028	0.007	0.007	0.121	0.031	0.031	
Flour Sifter System	Baghouse Step 1	1300.00	99.00%	12.15	3.06	3.06	0.028	0.007	0.007	0.121	0.031	0.031	
Flour Sifter System	Baghouse Step 2	8800.00	99.00%	12.15	3.06	3.06	0.028	0.007	0.007	0.121	0.031	0.031	
Flour Sifter System	Baghouse Step 3	8800.00	99.00%	12.15	3.06	3.06	0.028	0.007	0.007	0.121	0.031	0.031	
Flour Sifter System	Baghouse Step 1	360.00	99.00%	12.15	3.06	3.06	0.028	0.007	0.007	0.121	0.031	0.031	
Flour Sifter System	Baghouse Step 2	8900.00	99.00%	12.15	3.06	3.06	0.028	0.007	0.007	0.121	0.031	0.031	
Flour Sifter System	Baghouse Step 3	8900.00	99.00%	12.15	3.06	3.06	0.028	0.007	0.007	0.121	0.031	0.031	
Grain Receiving Pit A Hood	Baghouse 1	3000.00	99.00%	105.36	32.25	1.13	2.406	0.736	0.026	10.536	3.225	0.113	
Grain Receiving Pit B Hood	Baghouse 101	3000.00	99.00%	105.36	32.25	1.13	2.406	0.736	0.026	10.536	3.225	0.113	
Grain Receiving Pit A Scalper	Baghouse 2 & 102	10000.00	99.00%	59.79	33.32	5.68	0.136	0.076	0.013	0.598	0.333	0.057	
Grain Receiving Pit B Scalper	Baghouse 102	27800.00	99.00%	59.79	33.32	5.68	0.136	0.076	0.013	0.598	0.333	0.057	
Corn Receiving & Screening	Pneumatic filtering device	3000.00	99.00%	55.49	30.93	5.46	0.127	0.071	0.012	0.555	0.309	0.055	
Corn Cleaner Unit 1	Cyclone in series with Baghouse B1	3000.00	99.00%	1087.20	100.80	86.40	2.482	0.230	0.197	10.872	1.008	0.864	
Corn Cleaner Unit 2	Cyclone in series with Baghouse B1	3000.00	99.00%	3623.99	335.99	288.00	8.274	0.767	0.658	36.240	3.360	2.880	
Corn Cleaner Unit 3	Cyclone in series with Baghouse B11	3000.00	99.00%	453.00	42.00	36.00	1.034	0.096	0.082	4.530	0.420	0.360	
Corn Cleaner Unit 4	Cyclone in series with Baghouse B12	3000.00	99.00%	453.00	42.00	36.00	1.034	0.096	0.082	4.530	0.420	0.360	
Corn Cleaner Unit 5	Cyclone in series with Baghouse B13	3000.00	99.00%	453.00	42.00	36.00	1.034	0.096	0.082	4.530	0.420	0.360	
Corn Cleaner Unit 6	Cyclone in series with Baghouse B14	3000.00	99.00%	453.00	42.00	36.00	1.034	0.096	0.082	4.530	0.420	0.360	
Lime Bin System	Baghouse B2	521.00	99.00%	0.02	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	
Lime Bin System	Baghouse	520.00	99.00%	0.02	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	
Milled & Dried Flour Unit	Baghouse B5	1450.00	99.00%	2.74	1.53	0.26	0.006	0.003	0.001	0.027	0.015	0.003	
Milled & Dried Flour Unit	Baghouse B6	1450.00	99.00%	2.74	1.53	0.26	0.006	0.003	0.001	0.027	0.015	0.003	
Milled & Dried Flour Unit	Baghouse B	1200.00	99.00%	2.74	1.53	0.26	0.006	0.003	0.001	0.027	0.015	0.003	
Rework Mill Cooling Fan	Baghouse	1000.00	99.00%	2.74	1.53	0.26	0.006	0.003	0.001	0.027	0.015	0.003	
Rework Mill Cooling Fan	Baghouse	800.00	99.00%	2.74	1.53	0.26	0.006	0.003	0.001	0.027	0.015	0.003	
Flour Cooler	Cyclone	12000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Flour Cooler	Cyclone	12000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Flour Cooler	Cyclone	12000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Corn Skin Storage System	Baghouse B9	4000.00	99.00%	0.21	0.21	0.21	0.000	0.000	0.000	0.002	0.002	0.002	
pneumatic conveying system for flour system	Baghouses	3000.00	99.00%	170.29	42.89	42.89	0.389	0.098	0.098	1.703	0.429	0.429	
Truck/Rail Loading System	Cartridge Filter B10	1396.00	99.00%	3.47	3.47	3.47	0.008	0.008	0.008	0.035	0.035	0.035	
Corn Impurity Waste Load Out East	Nylon Sock Chute Sleeve, Boot		0.00%	2.73	0.92	0.16	0.624	0.210	0.036	2.731	0.921	0.156	
Corn Skin Waste Load Out South	Nylon Sock Chute Sleeve, Boot		0.00%	2.64	0.89	0.15	0.602	0.203	0.034	2.637	0.889	0.150	
Corn Skin Waste Load Out North	Nylon Sock Chute Sleeve, Boot		0.00%	2.64	0.89	0.15	0.602	0.203	0.034	2.637	0.889	0.150	
Controlled Emissions (tons/yr):													
										100.31	17.70	7.31	
New Units													
Corn Storage Bins	Mesh Screen	1287.00	50.00%										
Corn Storage Bins	Mesh Screen	1287.00	50.00%										
Corn Storage Bins	Mesh Screen	1287.00	50.00%										
Corn Storage Bins	Mesh Screen	1287.00	50.00%										
Corn Storage Bins	Mesh Screen	1287.00	50.00%	73.51	18.52	3.23	8.39	2.11	0.37	36.75	9.26	1.62	
Corn Storage Bins	Mesh Screen	1287.00	50.00%										
Corn Storage Bins	Mesh Screen	1287.00	50.00%										
Corn Storage Bins	Mesh Screen	1287.00	50.00%										
Flour Drying Line	Unit 4 Drying 1st Cyclone	45000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Flour Drying Line	Unit 4 Drying 2nd Cyclone	35000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
Corn Receiving Pit C Hood	Baghouse B1	3000.00	99.00%	105.36	32.25	1.13	2.406	0.736	0.026	10.536	3.225	0.113	
Grain Receiving Pit C Scalper	Baghouse 106	8500.00	99.00%	59.79	33.32	5.68	0.136	0.076	0.013	0.598	0.333	0.057	
Milled & Dried Flour Unit	Baghouse B	1450.00	99.00%	2.74	1.53	0.26	0.006	0.003	0.001	0.027	0.015	0.003	
Flour Cooler	Cyclone	12000.00	99.00%	9.90	2.47	0.42	0.023	0.006	0.001	0.099	0.025	0.004	
										Controlled Emissions (tons/yr):	48.21	12.91	1.80
Total Emissions Based on Rated Capacity at 8,760 Hours/Year and source controls										Grand Total Controlled Emissions (tons/yr):			
Potential Emissions:										148.53	30.61	9.11	

***Controlled PM (tons/yr) = Uncontrolled PM/PM10(ton/yr) * (1 - Control Efficiency (%))
 ***Controlled PM (lbs/hr) = Uncontrolled PM/PM10(ton/yr) * (2000 / 8760) * (1 - Control Efficiency (%))

Appendix A: Insignificant Emissions Calculations

Company Name: Azteca Milling, L.P.
Address City IN Zip: 15700 Highway 41 North, Evansville, Indiana 47725
Operating Part 70 Permit No.: 163-30167-00107
Operating Permit Issuance Date.: 12/5/2011
SSM No.: 163-36194-00107
SPM No.: 163-36306-00107
Reviewer: Jean Fix

Process Description	Unit ID	S/V ID	Throughput (Short Tons/Hr)	Control Description	PM EF (lbs/ton)	PM10 EF (lbs/ton)	PM2.5 EF (lbs/ton)	Primary Control Efficiency	Uncontrolled PTE			PTE after Integral Controls			EF Source
									PM (tons/yr)	PM10 (tons/yr)	PM2.5 (tons/yr)	PM (tons/yr)	PM10 (tons/yr)	PM2.5 (tons/yr)	
24 flour storage bins	-	16 thru 39	37	baghouse	0.025	0.006	0.001	90%	4.05	1.02	0.18	0.405	0.102	0.018	AP-42; Table 9.9.1-1
24 flour storage bins	-	55 thru 78	37	baghouse	0.025	0.006	0.001	90%	4.05	1.02	0.18	0.405	0.102	0.018	AP-42; Table 9.9.1-1
two (2) rework bins	-	41 and 42	0.82	baghouse	0.061	0.034	0.0058	90%	0.22	0.12	0.02	0.022	0.012	0.002	AP-42; Table 9.9.1-1
two (2) rework bins	-	241 and 242	0.82	baghouse	0.061	0.034	0.0058	90%	0.22	0.12	0.02	0.022	0.012	0.002	AP-42; Table 9.9.1-1
ingredients hopper	-	53	1.2	baghouse	0.035	0.008	0.001	90%	0.18	0.04	0.01	0.018	0.004	0.001	AP-42; Table 9.9.1-1
two (2) packaging machines	-	50	48	baghouse	0.061	0.061	0.061	90%	12.82	12.82	12.82	1.282	1.282	1.282	AP-42; Table 9.9.1-1
two (2) packaging machines	-	253 and 353	48	baghouse	0.061	0.061	0.061	90%	12.82	12.82	12.82	1.282	1.282	1.282	AP-42; Table 9.9.1-1
sack dumping	-	54	0.41	none	0.061	0.061	0.061	none	0.11	0.11	0.11	0.11	0.11	0.11	AP-42; Table 9.9.1-1
									34.48	28.09	26.16	3.55	2.91	2.71	

Methodology:

Uncontrolled PM/PM₁₀ (ton/hr) = Throughput (ton/hr) * EF (lb/ton) * 8760 (hr/yr) * 1 ton/2000lb

***Uncontrolled PM/PM₁₀(ton/hr) = Controlled PM / (1 - Control Efficiency (%))



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Carol S. Comer
Commissioner

December 16, 2015

Ms. Dana Harrison
Azteca Milling, LP
P. O. Box 23550
Evansville, Indiana 47724

Re: Public Notice
Azteca Milling, LP
Permit Level: Title V – Significant Permit Modification
Permit Number: 163-36306-00107 &
Permit Level: Title V – Significant Source Modification
Permit Number: 163-36194-00107

Dear Ms. Harrison:

Enclosed is a copy of your draft Title V – Significant Permit Modification and Title V – Significant Source Modification, Technical Support Documents, emission calculations, and the Public Notice which will be printed in your local newspaper.

The Office of Air Quality (OAQ) has prepared two versions of the Public Notice Document. The abbreviated version will be published in the newspaper, and the more detailed version will be made available on the IDEM's website and provided to interested parties. Both versions are included for your reference. The OAQ has requested that the Evansville Courier in Evansville, Indiana will publish the abbreviated version of the public notice no later than December 19, 2015. You will not be responsible for collecting any comments, nor are you responsible for having the notice published in the newspaper.

OAQ has submitted the draft permit package to the Evansville Vanderburgh Public Library, 200 SE Martin Luther King Jr. Boulevard in Evansville, Indiana. As a reminder, you are obligated by 326 IAC 2-1.1-6(c) to place a copy of the complete permit application at this library no later than ten (10) days after submittal of the application or additional information to our department. We highly recommend that even if you have already placed these materials at the library, that you confirm with the library that these materials are available for review and request that the library keep the materials available for review during the entire permitting process.

Please review the enclosed documents carefully. This is your opportunity to comment on the draft permit and notify the OAQ of any corrections that are needed before the final decision. Questions or comments about the enclosed documents should be directed to Jean Fix, Indiana Department of Environmental Management, Office of Air Quality, 100 N. Senate Avenue, Indianapolis, Indiana, 46204 or call (800) 451-6027, and ask for extension 4-8531 or dial (317) 234-8531.

Sincerely,

Vicki Biddle

Vicki Biddle
Permits Branch
Office of Air Quality

Enclosures
PN Applicant Cover letter 8/27/2015



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Michael R. Pence
Governor

Carol S. Comer
Commissioner

ATTENTION: PUBLIC NOTICES, LEGAL ADVERTISING

December 15, 2015

Evansville Courier
P. O. Box 268
Evansville, Indiana 47702-0268

Enclosed, please find one Indiana Department of Environmental Management Notice of Public Comment for Azteca Milling, L.P., Vanderburgh County, Indiana.

Since our agency must comply with requirements which call for a Notice of Public Comment, we request that you print this notice one time, no later than December 19, 2015.

Please send a notarized form, clippings showing the date of publication, and the billing to the Indiana Department of Environmental Management, Accounting, Room N1345, 100 North Senate Avenue, Indianapolis, Indiana, 46204.

To ensure proper payment, please reference account # 100174737.

We are required by the Auditor's Office to request that you place the Federal ID Number on all claims. If you have any conflicts, questions, or problems with the publishing of this notice or if you do not receive complete public notice information for this notice, please call Vicki Biddle at 800-451-6027 and ask for extension 3-6867 or dial 317-233-6867.

Sincerely,

Vicki Biddle

Vicki Biddle
Permit Branch
Office of Air Quality

Permit Level: Title V – Significant Source Modification & Significant Permit Modification
Permit Number: 163-36194-00107 163-36306-00107

Enclosure

PN Newspaper.dot 8/27/2015



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Carol S. Comer
Commissioner

December 16, 2016

To: Evansville Vanderburgh Public Library

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

Subject: **Important Information to Display Regarding a Public Notice for an Air Permit**

Applicant Name: Azteca Milling, LP
Permit Numbers: 163-36194-00107 & 163-36194-00107

Enclosed is a copy of important information to make available to the public. This proposed project is regarding a source that may have the potential to significantly impact air quality. Librarians are encouraged to educate the public to make them aware of the availability of this information. The following information is enclosed for public reference at your library:

- Notice of a 30-day Period for Public Comment
- Request to publish the Notice of 30-day Period for Public Comment
- Draft Permit and Technical Support Document

You will not be responsible for collecting any comments from the citizens. Please refer all questions and request for the copies of any pertinent information to the person named below.

Members of your community could be very concerned in how these projects might affect them and their families. **Please make this information readily available until you receive a copy of the final package.**

If you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185. Questions pertaining to the permit itself should be directed to the contact listed on the notice.

Enclosures
PN Library.dot 8/27/2015



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Commissioner

Notice of Public Comment

December 16, 2016
Azteca Milling, LP
163-36194-00107 & 163-36306-00107

Dear Concerned Citizen(s):

You have been identified as someone who could potentially be affected by this proposed air permit. The Indiana Department of Environmental Management, in our ongoing efforts to better communicate with concerned citizens, invites your comment on the draft permit.

Enclosed is a Notice of Public Comment, which has been placed in the Legal Advertising section of your local newspaper. The application and supporting documentation for this proposed permit have been placed at the library indicated in the Notice. These documents more fully describe the project, the applicable air pollution control requirements and how the applicant will comply with these requirements.

If you would like to comment on this draft permit, please contact the person named in the enclosed Public Notice. Thank you for your interest in the Indiana's Air Permitting Program.

Please Note: *If you feel you have received this Notice in error, or would like to be removed from the Air Permits mailing list, please contact Patricia Pear with the Air Permits Administration Section at 1-800-451-6027, ext. 3-6875 or via e-mail at PPEAR@IDEM.IN.GOV. If you have recently moved and this Notice has been forwarded to you, please notify us of your new address and if you wish to remain on the mailing list. Mail that is returned to IDEM by the Post Office with a forwarding address in a different county will be removed from our list unless otherwise requested.*

Enclosure
PN AAA Cover.dot 8/27/2015



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Michael R. Pence
Governor

Carol S. Comer
Commissioner

AFFECTED STATE NOTIFICATION OF PUBLIC COMMENT PERIOD DRAFT INDIANA AIR PERMIT

December 16, 2015

A 30-day public comment period has been initiated for:

Permit Number: 163-36194-00107 & 163-36306-00107
Applicant Name: Azteca Milling, LP
Location: Evansville, Vanderburgh County, Indiana

The public notice, draft permit and technical support documents can be accessed via the **IDEM Air Permits Online** site at:

<http://www.in.gov/ai/appfiles/idem-caats/>

Questions or comments on this draft permit should be directed to the person identified in the public notice by telephone or in writing to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
100 North Senate Avenue
Indianapolis, IN 46204

Questions or comments regarding this email notification or access to this information from the EPA Internet site can be directed to Chris Hammack at chammack@idem.IN.gov or (317) 233-2414.

Affected States Notification.dot 8/27/2015

Mail Code 61-53

IDEM Staff	VBIDDLE 12/16/2015 Azteca Milling, LP 163-36306-00107 & 163-36194-00107		DRAFT	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Dana Harrison Azteca Milling, LP PO Box 23550 Evansville IN 47724 (Source CAATS)										
2		Alberto Jacques Director Azteca Milling, LP 501 W Chapin Rd Edinburg TX 78541 (RO CAATS)										
3		Evansville City Council and Mayors Office 1NW MLK Blvd, Rm 302 Evansville IN 47708 (Local Official)										
4		Vanderburgh County Commissioners 1 NW MLK Blvd, Rm 305 Evansville IN 47708 (Local Official)										
5		Evansville Vanderburg Public Library 200 SE Martin Luther King Jr. Blvd Evansville IN 47708-1694 (Library)										
6		Mr. Don Mottley Save Our Rivers 6222 Yankeetown Hwy Boonville IN 47601 (Affected Party)										
7		Vanderburgh County Health Dept. 420 Milberry Street Evansville IN 47713-1888 (Health Department)										
8		Mr. Mark Wilson Evansville Courier & Press P.O. Box 268 Evansville IN 47702-0268 (Affected Party)										
9		David Boggs 216 Western Hills Dr Mt Vernon IN 47620 (Affected Party)										
10		John Blair 800 Adams Ave Evansville IN 47713 (Affected Party)										
11												
12												
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