



Indiana Department of Environmental Management

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NOTICE OF 30-DAY PERIOD FOR PUBLIC COMMENT

Preliminary Findings Regarding a
Significant Revision to a
Federally Enforceable State Operating Permit (FESOP)
for Tyson Mexican Original, Inc. in Jay County

Significant Permit Revision No.: 075-36488-00022

The Indiana Department of Environmental Management (IDEM) has received an application from Tyson Mexican Original, Inc., located at 1355 W. Tyson Road, Portland, Indiana 47371, for a significant revision of its FESOP issued on May 19, 2009. If approved by IDEM's Office of Air Quality (OAQ), this proposed revision would allow Tyson Mexican Original, Inc. to make certain changes at its existing source. Tyson Mexican Original, Inc. has applied to add new emission units and control devices and to revise existing emission limitations.

The applicant intends to construct and 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). The potential to emit of any regulated air pollutants will continue to be limited to less than the Title V and PSD major threshold levels. 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.

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

Jay County Public Library
315 North Ship Street
Portland, IN 47371

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 number SPR 075-36488-00022 in all correspondence.

Comments should be sent to:

Katrina Gilbank
IDEM, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for extension 4-9526
Or dial directly: (317) 234-9526
Fax: (317) 232-6749 attn: Katrina Gilbank
E-mail: kgilbank@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, 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 Katrina Gilbank of my staff at the above address.



Jason R. Krawczyk, Section Chief
Permits Branch
Office of Air Quality



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Carol S. Comer
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Mr. Andy Pfeifer
Tyson Mexican Original, Inc.
1355 W. Tyson Rd
Portland, IN 47371

DRAFT

Re: 075-36488-00022
Significant Revision to
F075-26199-00022

Dear Mr. Pfeifer:

Tyson Mexican Original, Inc. was issued a Federally Enforceable State Operating Permit (FESOP) Renewal No. F075-26199-00022 on May 19, 2009 for a stationary taco shell, corn chip, tortilla, and flatbread manufacturing source located at 1355 W. Tyson Road, Portland, Indiana 47371. On November 13, 2015, the Office of Air Quality (OAQ) received an application from the source requesting to add emission units and control devices and to revise existing emission limitations. The attached Technical Support Document (TSD) provides additional explanation of the changes to the source/permit. Pursuant to the provisions of 326 IAC 2-8-11.1, these changes to the permit are required to be reviewed in accordance with the Significant Permit Revision (SPR) procedures of 326 IAC 2-8-11.1(f). Pursuant to the provisions of 326 IAC 2-8-11.1, a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document (TSD).

The following construction conditions are applicable to the proposed project:

1. General Construction Conditions
The data and information supplied with the application shall be considered part of this source modification approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).
2. This approval to construct does not relieve the permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.
3. Effective Date of the Permit
Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.
4. Pursuant to 326 IAC 2-1.1-9 (Revocation), the Commissioner may revoke this approval if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.
5. All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.

Pursuant to 326 IAC 2-8-11.1, this permit shall be revised by incorporating the significant permit revision into the permit.

All other conditions of the permit shall remain unchanged and in effect. Please find attached the entire FESOP as revised.

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. If you have any questions on this matter, please contact Katrina Gilbank of my staff at 317-234-9526 or 1-800-451-6027, and ask for extension 4-9526.

Sincerely,

Jason R. Krawczyk, Section Chief
Permits Branch
Office of Air Quality

Attachments: Technical Support Document and revised permit

JRK/kb

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



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Commissioner

Federally Enforceable State Operating Permit Renewal
OFFICE OF AIR QUALITY

Tyson Mexican Original, Inc.
1355 W. Tyson Road
Portland, Indiana 47371

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

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

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

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

Table with 2 columns: Issued by / Original Signed by, Issuance Date, Expiration Date. Content includes Alfred C. Dumauval, Ph. D., Section Chief, Permits Branch, Office of Air Quality; Issuance Date: May 19, 2009; Expiration Date: May 19, 2019.

Administrative Amendment No. 075-33678-00022, issued on March 5, 2014.
Significant Permit Revision No. 075-36092-00022, issued on

Table with 2 columns: Issued by, Issuance Date, Expiration Date. Content includes Jason R. Krawczyk, Section Chief, Permits Branch, Office of Air Quality; Issuance Date: (blank); Expiration Date: May 19, 2019.



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SECTION A

SOURCE SUMMARY

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

A.1 General Information [326 IAC 2-8-3(b)]

The Permittee owns and operates a stationary taco shell, corn chip, tortilla, and flatbread manufacturing source.

Source Address:	1355 W. Tyson Road, Portland, Indiana 47371
General Source Phone Number:	260-726-1601
SIC Code:	2051 (Bread and Other Bakery Products, Except Cookies and Crackers); 2096 (Potato Chips, Corn Chips, and Similar Snacks); and 2099 (Food Preparations, Not Elsewhere Classified)
County Location:	Jay
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

- (a) One (1) flour silo system, constructed in 1994/95, modified in 2008, and approved for modification in 2016, including:
 - (1) Four (4) flour silos, identified as EU-PR-FL-31 through 34, each equipped with a baghouse, identified as CE-FL-31 through 34, respectively, and exhausting to the atmosphere, capacity: 36,000 pounds of flour per hour, each. Baghouses, identified as CE-FL-31 through CE-FL-33, approved in 2016 for replacement.
 - (2) Two (2) flour sifters, identified as EU-PR-FL-36 and 37, each equipped with a filter sock, identified as CE-FL-36 and 37, EU-PR-FL-36 approved in 2016 for replacement, and exhausting inside, capacity: 24,000 pounds of flour per hour, each.
 - (3) One (1) flour usebin flatbread, identified as EU-PR-FL-42, constructed in 2008, re-permitted in 2016, equipped with a filter sock, identified as CE-FL-42, and exhausting inside, with a maximum capacity of 24,000 lbs/hr, receiving product from EU-PR-FL-33 and EU-PR-FL-34 and servicing EU-PR-FL-37.
- (b) One (1) flour tortilla production process, constructed in 1994/95, modified in 2008, and approved for modification in 2016, producing a maximum of 17,360 pounds of flour tortillas per hour, including:
 - (1) One (1) flour tortilla usebin, identified as EU-PR-FL-35, equipped with a baghouse, identified as CE-FL-35, and exhausting inside, input capacity: 24,000 pounds of flour per hour.

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- (2) Five (5) flour tortilla scale hoppers, identified as EU-PR-FL-38, EU-PR-FL-39A, EU-PR-FL-39B, EU-PR-FL-40, and EU-PR-FL-41, equipped with a baghouse for particulate control, identified as CE-FL-35, and exhausting inside, combined capacity: 15,000 pounds of flour per hour. Flour tortilla scale hoppers, identified as EU-PR-FL-39A and EU-PR-FL-39B, approved in 2016 to replace EU-PR-FL-39.
- (3) Two (2) flour tortilla mixers, identified as EU-PR-TO-09 and 11, equipped with filter socks, identified as CE-TO-09 and 11, and exhausting inside, capacity: 3,514 pounds of raw materials, excluding water and oil, per hour, each.
- (3a) Two (2) flour tortilla mixers, identified as EU-PR-TO-10A and EU-PR-TO-10B, approved in 2016 to replace EU-PR-TO-10, capacity: 1,757 pounds of raw materials, excluding water and oil, per hour, each; each equipped with a filter sock for particulate control, identified as CE-TO-10A and CE-TO-10B, respectively, and exhausting indoors.
- (3b) One (1) flour tortilla mixer, identified as EU-PR-TO-12, constructed in 2008, capacity: 1,757 pounds of raw materials, excluding water and oil, per hour, equipped with a filter sock for particulate control, identified as CE-TO-12, and exhausting indoors.
- (4) Seven (7) sets of pressed flour tortilla forming equipment.
- (5) Seven (7) natural gas-fired flour tortilla ovens, identified as EU-PR-TO-01 through 07 (EU-PR-TO-01 was constructed in 2008, EU-PR-TO-04 approved in 2016 for replacement, and EU-PR-TO-07 was constructed in 2001), each with a heat input capacity of 1.5 million British thermal units per hour, and exhausting through stacks EP-TO-1 through 7, respectively; capacity: 2,480 pounds per hour, each.
- (6) Flour tortilla cooling, packing and shipping.
- (7) One (1) flour tortilla minor ingredients system consisting of:
 - (A) Thirty-eight (38) flour tortilla minor ingredient usebins, identified as EU-PR-TMI-40 through 77, equipped with a dust collector, identified as CE-TMI-40, and exhausting inside; input capacity: 1,000 pounds of minor ingredients per hour, total.
 - (B) Two (2) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-78 and 79, each equipped with 4 filter socks, identified as CE-TMI-78(A-D) and CE-TMI-79(A-D), and exhausting inside; capacity: 1,000 pounds of minor ingredients per hour, each.
 - (C) Four (4) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36, EU-PR-TMI-37A, EU-PR-TMI-37B, and EU-PR-TMI-38, each equipped with a baghouse, identified as CE-TMI-36 through 38, respectively, and exhausting inside; capacity for EU-PR-TMI-36 through EU-PR-TMI-38 is 1,000 pounds of minor ingredients per hour, each. Flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-37A and EU-PR-TMI-37B, and the respective dust collectors, identified as CE-TMI-37A and CE-TMI-37B, approved in 2016 to replace EU-PR-TMI-37 and dust collector CE-TMI-37. CE-TMI-36 and CE-TMI-38 dust collectors were replaced in 2016.
 - (D) One (1) flour tortilla minor ingredient scale hopper, identified as EU-PR-TMI-39, constructed in 2008, with a capacity of 1,000 pounds of minor

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ingredients per hour, equipped with baghouse for particulate control, identified as CE-TMI-39, exhausting indoors.

- (c) One (1) flatbread production process, constructed in 1998, producing a maximum of 3,750 pounds of flatbread per hour, including:
 - (1) One (1) flatbread flour usebin, identified as EU-PR-FB-30, equipped with a baghouse, identified as CE-FB-30, and exhausting inside, capacity: 24,000 pounds of flour per hour.
 - (2) One (1) flatbread scale hopper, identified as EU-PR-FB-31, equipped with a baghouse, identified as CE-FB-30, and exhausting inside, capacity: 15,000 pounds of flour per hour.
 - (3) One (1) flatbread minor ingredients system consisting of:
 - (A) One (1) flatbread minor ingredient hand dump hopper, identified as EU-PR-FBM-01, equipped with a baghouse, identified as CE-FBM-02, and exhausting inside, capacity: 1,000 pounds per hour.
 - (B) One (1) flatbread minor ingredient usebin, identified as EU-PR-FBM-02, equipped with a baghouse, identified as CE-FBM-02, and exhausting inside, input capacity: 1,000 pounds per hour.
 - (C) One (1) flatbread minor ingredient scale hopper, identified as EU-FBM-03, equipped with a baghouse, identified as CE-FBM-03, and exhausting inside, capacity: 15,000 pounds per hour.
 - (D) One (1) flatbread minor ingredient pre-mix hopper, identified as EU-FBM-04, equipped with a filter sock, identified as CE-FBM-04, and exhausting inside, capacity: 15,000 pounds per hour.
 - (4) One (1) flatbread mixer, identified as EU-PR-FB-32, equipped with a filter sock, identified as CE-FB-32, and exhausting inside, capacity: 2,496 pounds of raw materials, excluding water and oil, per hour.
 - (5) One (1) set of flatbread forming equipment.
 - (6) One (1) natural gas-fired flatbread oven, identified as EU-PR-FB-28, with a heat input capacity of 1.5 million British thermal units per hour, and exhausting through stacks EP-FB-09-01 and EP-FB-09-02, capacity: 3,750 pounds of flatbread per hour.
 - (7) Flatbread cooling, packing and shipping.
- (d) One (1) taco shell production process, constructed in 1994/95, producing a maximum of 3,600 pounds of taco shells per hour, including:
 - (1) One (1) primary corn masa usebin (including one (1) masa tote), identified as EU-PR-MA-45, equipped with a baghouse, identified as CE-MA-45, and exhausting inside, input capacity: 9,000 pounds of corn masa per hour.
 - (2) One (1) corn masa manual unloading, identified as EU-PR-MA-44, equipped with a baghouse, identified as CE-MA-45, and exhausting inside, with an input capacity of 9000 pounds of corn masa per hour.

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- (3) One (1) primary corn masa scale hopper, identified as EU-PR-MA-53, constructed in 2003, venting to the usebin which is equipped with a baghouse, identified as CE-MA-45, and exhausting inside, input capacity: 12,000 pounds of corn masa per hour.
 - (4) One (1) taco shell mixer, identified as EU-PR-MA-52, constructed in 2003, equipped with a filter sock, identified as CE-MA-52, and exhausting inside, capacity: 2,679 pounds of raw materials, excluding water and oil, per hour.
 - (5) Three (3) natural gas-fired taco shell ovens, identified as EU-PR-TS-19, EU-PR-TS-22 and EU-PR-TS-25, each with a heat input capacity of 3.9 million British thermal units per hour, and exhausting through stacks EP-TSO-3-1 and 2, EP-TSO-4-1 and 2, and EP-TSO-5-1 and 2, respectively.
 - (6) Three (3) taco shell fryers, identified as EU-PR-TS-20, EU-PR-TS-23 and EU-PR-TS-26, each equipped with a natural gas-fired heat exchanger, identified as EU-PR-TS-21, EU-PR-TS-24, and EU-PR-TS-27, each with a heat input capacity of 2.1 million British thermal units per hour, and exhausting through stacks EP-TSF-3, 4 and 5, with the heat exchangers exhausting through stacks EP-TSHE-3, 4 and 5, respectively, capacity: 1,080 pounds per hour, each.
 - (7) Taco shell cooling, packing and shipping.
- (e) One (1) whole corn receiving system, including the following:
- (1) One (1) whole corn truck unloading station, identified as EU-PR-CR-39, constructed in 1994/95, equipped with a baghouse identified as CE-CR-39 and exhausting through stack EP-39, capacity: 30,000 pounds of whole corn per hour.
 - (2) Two (2) whole corn silos, identified as EU-PR-CR-40 and 41, constructed in 1994/95, each equipped with a baghouse, identified as CE-CR-40 and 41, respectively, and exhausting through stacks EP-40 and 41, respectively, capacity: 30,000 pounds of whole corn per hour, each, and 30,000 pounds of whole corn per hour, total, because EU-PR-CR-40 and 41 cannot run simultaneously.
 - (3) One (1) whole corn scale hopper, identified as EU-PR-CR-42, constructed in 2010 and modified in 2013, with a maximum batch capacity of 1,800 lbs/dump and a maximum throughput capacity of 9,000 pounds of whole corn per hour, equipped with a baghouse, identified as CE-CR-42, and exhausting inside the building;
- (f) One (1) whole corn cooking process, constructed in 1994/95 and approved for modification in 2014, capable of producing a maximum of 8,000 pounds of cooked whole corn per hour, and having a bottlenecked throughput 7,000 pounds per hour, including:
- (1) Four (4) whole corn cooking kettles, with a combined maximum throughput capacity of 8,000 pounds of raw materials per hour, total.
 - (2) Two (2) whole corn transfer tanks, with a combined maximum throughput capacity of 8,000 pounds cooked whole corn per hour.
 - (3) Twenty-four (24) whole corn holding tanks, with a combined maximum throughput capacity of 8,000 pounds cooked whole corn per hour, total.
 - (4) Two (2) wet corn grinders, with a combined maximum throughput capacity of 7,000 pounds cooked whole corn per hour.

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- (g) One (1) whole corn fried chip production process, constructed in 1994/95, producing a maximum of 2,100 pounds of fried whole corn chips per hour, including:
 - (1) One (1) natural gas-fired chip oven, identified as EU-PR-CL-13, with a heat input capacity of 3.2 million British thermal units per hour, and exhausting through stack EP-CL-02-01/02.
 - (2) One (1) chip fryer, identified as EU-PR-CLF-2, equipped with a natural gas-fired heat exchanger, identified as EU-PR-CL-15, with a heat input capacity of 2.9 million British thermal units per hour, and exhausting through stack EP-CLF-2, with the heat exchanger exhausting through stack EP-CLHE-2, capacity: 2,100 pounds per hour.
 - (3) One (1) fried chip conveyor, identified as EU-PR-CLAC-2, exhausting to stack EP-CLAC-2, capacity: 2,100 pounds per hour.
 - (4) One (1) salt tumbler.
 - (5) Fried corn chip packing and shipping.
- (h) One (1) whole corn baked chip production line, approved for construction in 2014, with a maximum throughput capacity of 3,500 lbs of baked whole corn chips per hour through the baked chip line or 2,500 lbs of baked whole corn chips through the Masa Tortilla line, and including the following:
 - (1) Ground whole corn is received from the whole corn cooking process at a rate of 3,500 pounds per hour;
 - (2) One (1) whole corn chip forming operation;
 - (3) Formed whole corn chips are sent to the corn masa tortilla baking oven (EU-PR-MTO-03), and/or the corn masa baked chip oven (EU-PR-BC-01), for baking; and
 - (4) Whole corn baked chip cooling, packaging, and shipping via the Masa Baked Chip Line and/or the Masa Tortilla Line cooling, packaging, and shipping operations.
- (i) One (1) salt tank, identified as EU-PR-SA-01, equipped with a filter sock, identified as CE-SA-01, and exhausting through stack EP-SA-01, constructed in 1997, capacity: 25,000 pounds of salt per hour.
- (j) One (1) natural gas-fired boiler, identified as EU-PR-BR-01, constructed in 1994/1995, exhausting through stack EP-Boiler, heat input capacity: 6.3 million British thermal units per hour.
- (k) One (1) natural gas-fired hot water heater, identified as EU-PR-WH-02, exhausting through stack EP-WH, constructed in 2013, capacity: 8.0 million British thermal units per hour.
- (l) One (1) corn masa baked chip process line, identified as Masa Baked Chip Line, including the following:
 - (1) One (1) primary corn masa baked chip usebin, identified as EU-PR-MA-55, with a processing capacity of 7,500 pounds of corn masa per hour, equipped with baghouse CE-MA-55 and exhausting to the indoors, and constructed in 2005, capacity: 7,500 pounds of corn masa per hour.

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- (2) One (1) corn masa baked chip scale hopper, identified as EU-PR-MA-56, with a capacity of 9000 pounds of corn masa per hour, venting to baghouse CE-MA-55 and exhausting to the indoors, and constructed in 2005, capacity: 9,000 pounds of corn masa per hour.
- (3) One (1) corn masa chip shell mixer, identified as EU-PR-MA-57, equipped with filter sock CE-MA-57, constructed in 2005, capacity: 13,410 pounds of corn masa per hour.
- (4) One (1) natural gas-fired corn masa baked chip oven, identified as EU-PR-BC-01, processing a maximum of 3,500 lbs of corn masa chips, or whole corn chips per hour, uncontrolled and exhausting to stack EP-BC-01, constructed in 2005, heat input capacity: 8.5 million British thermal units per hour.
- (5) Corn masa and/or whole corn baked chip cooling, packaging, and shipping.
- (m) One (1) corn masa manual unloading, identified as EU-PR-MA-54, and totally enclosed (no vent, no baghouse), constructed in 2005, capacity: 11,350 pounds of corn masa per hour.
- (n) One (1) corn masa tortilla production line, identified as Masa Tortilla Line, constructed in 2010, including the following:
 - (1) One (1) corn masa scale hopper, identified as EU-PR-MTO-01, with a maximum throughput capacity of 1,200 pounds of manually loaded corn masa per hour, uncontrolled and exhausting inside the building;
 - (2) One (1) corn masa tortilla mixer, identified as EU-PR-MTO-02, with a maximum input capacity of 1,200 lbs of corn masa and 100 gallons of water per hr, controlled by a filter sock (CE-MTO-02), and exhausting inside the building;
 - (3) One (1) corn masa tortilla forming operation;
 - (4) One (1) natural gas-fired corn masa tortilla baking oven, identified as EU-PR-MTO-03, with a maximum heat input capacity of 4.5 MMBtu/hr, processing a maximum of 2,500 lbs of corn masa tortillas, or whole corn chips per hour, uncontrolled and uncontrolled and exhausting inside the building; and
 - (5) Baked corn masa tortilla and/or whole corn baked chip cooling, packaging, and shipping equipment.

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

This stationary source also includes the following insignificant activities:

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour, and propane for liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) British thermal units per hour, including:
 - (1) Ten (10) natural gas direct-fired heaters, identified as EU-PR-MAU-01 through 09, where EU-PR-MAU-4 has two heaters, A and B, constructed in 1994, maximum total capacity: 6.69 million British thermal units per hour.
 - (2) Eighteen (18) natural gas indirect-fired heaters, identified as EU-PR-ACRTU-02 through 19, exhausting through stacks EP-ACRTU-02 through 19, respectively,

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constructed in 1994, maximum total capacity: 4.28 million British thermal units per hour.

- (b) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month. This facility dispenses diesel fuel used by the trucks, using a 500 gallon diesel tank.
- (c) Equipment used exclusively for filling drums, pails or other packaging containers with lubricating oils, waxes and greases.
- (d) Reserved.
- (e) The following equipment relating to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.
- (f) Closed loop heating and cooling systems.
- (g) Solvent recycling systems with batch capacity less than or equal to 100 gallons.
- (h) Any operation using aqueous solutions containing less than 1% by weight of VOCs excluding HAPs.
- (i) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.
- (j) Filter or coalescer media changeout.
- (k) A laboratory as defined in 326 IAC 2-7-1(21)(D).
- (l) The following storage tanks:
 - (1) Two (2) liquid shortening tanks, with negligible VOC emissions, capacity: 10,000 gallons each.
 - (2) One (1) soybean oil tank, with negligible VOC emissions, capacity: 10,000 gallons.
 - (3) One (1) used soybean frying oil tank, with negligible VOC emissions, capacity: 7,000 gallons.
 - (4) Reserved.
 - (5) One (1) DAF sludge tank in the waste water area, containing grease or oil from the frying operations, and flour, corn, masa from the general process, in a waste form, with negligible VOC emissions, capacity: 30,000 gallons.
 - (6) One (1) wastewater equalization tank, containing no VOCs, capacity: 150,000 gallons.
- (m) One (1) chunker with conveyor, constructed in 2008.
- (n) One (1) divider, constructed in 2008.
- (o) One (1) proofer, constructed in 2008.

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- (p) One (1) press, constructed in 2008.
- (q) One (1) cooling conveyor, constructed in 2008.
- (r) One (1) vision system, constructed in 2008.
- (s) One (1) counter stacker/indexer, constructed in 2008.
- (t) One (1) bagger, constructed in 2008.

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

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

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SECTION B

GENERAL CONDITIONS

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

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

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

- (a) This permit, F075-26199-00022, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

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

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

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

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

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

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

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

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

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

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

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

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- (1) it contains a certification by an "authorized individual", as defined by 326 IAC 2-1.1-1(1), and
 - (2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
 - (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

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

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

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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

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

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

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

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

The Permittee shall implement the PMPs.

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

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

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

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

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

The Permittee shall implement the PMPs.

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

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

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

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

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

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

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

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

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

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- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

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

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

- (a) All terms and conditions of permits established prior to F075-26199-00022 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

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

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

**B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]**

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

B.16 Permit Renewal [326 IAC 2-8-3(h)]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

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

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- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
- (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.17 Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

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

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.18 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) and (c) without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
 - (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

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

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and

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

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

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

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

- (b) **Emission Trades [326 IAC 2-8-15(b)]**
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(b).
- (c) **Alternative Operating Scenarios [326 IAC 2-8-15(c)]**
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.
- (d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.19 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

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

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

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

B.21 Transfer of Ownership or Operational Control [326 IAC 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.22 Annual Fee Payment [326 IAC 2-7-19][326 IAC 2-8-4(6)][326 IAC 2-8-16][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ no later than thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.23 Credible Evidence [326 IAC 2-8-4(3)][326 IAC 2-8-5][62 FR 8314][326 IAC 1-1-6]

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

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SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

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

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

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

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

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

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

C.3 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
- (A) Asbestos removal or demolition start date;
- (B) Removal or demolition contractor; or
- (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

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

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

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

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

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

C.10 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

- (a) For new units:
Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.
- (b) For existing units:
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 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, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

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

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

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

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

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

C.12 Risk Management Plan [326 IAC 2-8-4][40 CFR 68]

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

C.13 Response to Excursions or Exceedances [326 IAC 2-8-4][326 IAC 2-8-5]

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

- (a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual

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manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.

- (b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to normal or usual manner of operation.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records; and/or
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall record the reasonable response steps taken.

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

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

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

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

C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)][326 IAC 2-8-5]

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

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

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

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

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

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

C.16 General Reporting Requirements [326 IAC 2-8-4(3)(C)][326 IAC 2-1.1-11]

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

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

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- (d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

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

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

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SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) One (1) flour silo system, constructed in 1994/95, modified in 2008, and approved for modification in 2016, including:
- (1) Four (4) flour silos, identified as EU-PR-FL-31 through 34, each equipped with a baghouse, identified as CE-FL-31 through 34, respectively, and exhausting to the atmosphere, capacity: 36,000 pounds of flour per hour, each. Baghouses, identified as CE-FL-31 through CE-FL-33, approved in 2016 for replacement.
 - (2) Two (2) flour sifters, identified as EU-PR-FL-36 and 37, each equipped with a filter sock, identified as CE-FL-36 and 37, EU-PR-FL-36 approved in 2016 for replacement, and exhausting inside, capacity: 24,000 pounds of flour per hour, each.
 - (3) One (1) flour usebin flatbread, identified as EU-PR-FL-42, constructed in 2008, re-permitted in 2016, equipped with a filter sock, identified as CE-FL-42, and exhausting inside, with a maximum capacity of 24,000 lbs/hr, receiving product from EU-PR-FL-33 and EU-PR-FL-34 and servicing EU-PR-FL-37.
- (b) One (1) flour tortilla production process, constructed in 1994/95, modified in 2008, and approved for modification in 2016, producing a maximum of 17,360 pounds of flour tortillas per hour, including:
- (1) One (1) flour tortilla usebin, identified as EU-PR-FL-35, equipped with a baghouse, identified as CE-FL-35, and exhausting inside, input capacity: 24,000 pounds of flour per hour.
 - (2) Five (5) flour tortilla scale hoppers, identified as EU-PR-FL-38, EU-PR-FL-39A, EU-PR-FL-39B, EU-PR-FL-40, and EU-PR-FL-41, equipped with a baghouse for particulate control, identified as CE-FL-35, and exhausting inside, combined capacity: 15,000 pounds of flour per hour. Flour tortilla scale hoppers, identified as EU-PR-FL-39A and EU-PR-FL-39B, approved in 2016 to replace EU-PR-FL-39.
 - (3) Two (2) flour tortilla mixers, identified as EU-PR-TO-09 and 11, equipped with filter socks, identified as CE-TO-09 and 11, and exhausting inside, capacity: 3,514 pounds of raw materials, excluding water and oil, per hour, each.
 - (3a) Two (2) flour tortilla mixers, identified as EU-PR-TO-10A and EU-PR-TO-10B, approved in 2016 to replace EU-PR-TO-10, capacity: 1,757 pounds of raw materials, excluding water and oil, per hour, each; each equipped with a filter sock for particulate control, identified as CE-TO-10A and CE-TO-10B, respectively, and exhausting indoors.
 - (3b) One (1) flour tortilla mixer, identified as EU-PR-TO-12, constructed in 2008, capacity: 1,757 pounds of raw materials, excluding water and oil, per hour, equipped with a filter sock for particulate control, identified as CE-TO-12, and exhausting indoors.
 - (4) Seven (7) sets of pressed flour tortilla forming equipment.
 - (5) Seven (7) natural gas-fired flour tortilla ovens, identified as EU-PR-TO-01 through 07 (EU-PR-TO-01 was constructed in 2008, EU-PR-TO-04 approved in 2016 for replacement, and EU-PR-TO-07 was constructed in 2001), each with a heat input capacity of 1.5 million British thermal units per hour, and exhausting through stacks EP-TO-1 through 7, respectively; capacity: 2,480 pounds per hour, each.

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- (6) Flour tortilla cooling, packing and shipping.
- (7) One (1) flour tortilla minor ingredients system consisting of:
 - (A) Thirty-eight (38) flour tortilla minor ingredient usebins, identified as EU-PR-TMI-40 through 77, equipped with a dust collector, identified as CE-TMI-40, and exhausting inside; input capacity: 1,000 pounds of minor ingredients per hour, total.
 - (B) Two (2) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-78 and 79, each equipped with 4 filter socks, identified as CE-TMI-78(A-D) and CE-TMI-79(A-D), and exhausting inside; capacity: 1,000 pounds of minor ingredients per hour, each.
 - (C) Four (4) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36, EU-PR-TMI-37A, EU-PR-TMI-37B, and EU-PR-TMI-38, each equipped with a baghouse, identified as CE-TMI-36 through 38, respectively, and exhausting inside; capacity for EU-PR-TMI-36 through EU-PR-TMI-38 is 1,000 pounds of minor ingredients per hour, each. Flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-37A and EU-PR-TMI-37B, and the respective dust collectors, identified as CE-TMI-37A and CE-TMI-37B, approved in 2016 to replace EU-PR-TMI-37 and dust collector CE-TMI-37. CE-TMI-36 and CE-TMI-38 dust collectors were replaced in 2016.
 - (D) One (1) flour tortilla minor ingredient scale hopper, identified as EU-PR-TMI-39, constructed in 2008, with a capacity of 1,000 pounds of minor ingredients per hour, equipped with baghouse for particulate control, identified as CE-TMI-39, exhausting indoors.
- (c) One (1) flatbread production process, constructed in 1998, producing a maximum of 3,750 pounds of flatbread per hour, including:
 - (1) One (1) flatbread flour usebin, identified as EU-PR-FB-30, equipped with a baghouse, identified as CE-FB-30, and exhausting inside, capacity: 24,000 pounds of flour per hour.
 - (2) One (1) flatbread scale hopper, identified as EU-PR-FB-31, equipped with a baghouse, identified as CE-FB-30, and exhausting inside, capacity: 15,000 pounds of flour per hour.
 - (3) One (1) flatbread minor ingredients system consisting of:
 - (A) One (1) flatbread minor ingredient hand dump hopper, identified as EU-PR-FBM-01, equipped with a baghouse, identified as CE-FBM-02, and exhausting inside, capacity: 1,000 pounds per hour.
 - (B) One (1) flatbread minor ingredient usebin, identified as EU-PR-FBM-02, equipped with a baghouse, identified as CE-FBM-02, and exhausting inside, input capacity: 1,000 pounds per hour.
 - (C) One (1) flatbread minor ingredient scale hopper, identified as EU-FBM-03, equipped with a baghouse, identified as CE-FBM-03, and exhausting inside, capacity: 15,000 pounds per hour.
 - (D) One (1) flatbread minor ingredient pre-mix hopper, identified as EU-FBM-04, equipped with a filter sock, identified as CE-FBM-04, and exhausting inside,

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capacity: 15,000 pounds per hour.

- (4) One (1) flatbread mixer, identified as EU-PR-FB-32, equipped with a filter sock, identified as CE-FB-32, and exhausting inside, capacity: 2,496 pounds of raw materials, excluding water and oil, per hour.
 - (5) One (1) set of flatbread forming equipment.
 - (6) One (1) natural gas-fired flatbread oven, identified as EU-PR-FB-28, with a heat input capacity of 1.5 million British thermal units per hour, and exhausting through stacks EP-FB-09-01 and EP-FB-09-02, capacity: 3,750 pounds of flatbread per hour.
 - (7) Flatbread cooling, packing and shipping.
- (d) One (1) taco shell production process, constructed in 1994/95, producing a maximum of 3,600 pounds of taco shells per hour, including:
- (1) One (1) primary corn masa usebin (including one (1) masa tote), identified as EU-PR-MA-45, equipped with a baghouse, identified as CE-MA-45, and exhausting inside, input capacity: 9,000 pounds of corn masa per hour.
 - (2) One (1) corn masa manual unloading, identified as EU-PR-MA-44, equipped with a baghouse, identified as CE-MA-45, and exhausting inside, with an input capacity of 9000 pounds of corn masa per hour.
 - (3) One (1) primary corn masa scale hopper, identified as EU-PR-MA-53, constructed in 2003, venting to the usebin which is equipped with a baghouse, identified as CE-MA-45, and exhausting inside, input capacity: 12,000 pounds of corn masa per hour.
 - (4) One (1) taco shell mixer, identified as EU-PR-MA-52, constructed in 2003, equipped with a filter sock, identified as CE-MA-52, and exhausting inside, capacity: 2,679 pounds of raw materials, excluding water and oil, per hour.
 - (5) Three (3) natural gas-fired taco shell ovens, identified as EU-PR-TS-19, EU-PR-TS-22 and EU-PR-TS-25, each with a heat input capacity of 3.9 million British thermal units per hour, and exhausting through stacks EP-TSO-3-1 and 2, EP-TSO-4-1 and 2, and EP-TSO-5-1 and 2, respectively.
 - (6) Three (3) taco shell fryers, identified as EU-PR-TS-20, EU-PR-TS-23 and EU-PR-TS-26, each equipped with a natural gas-fired heat exchanger, identified as EU-PR-TS-21, EU-PR-TS-24, and EU-PR-TS-27, each with a heat input capacity of 2.1 million British thermal units per hour, and exhausting through stacks EP-TSF-3, 4 and 5, with the heat exchangers exhausting through stacks EP-TSHE-3, 4 and 5, respectively, capacity: 1,080 pounds per hour, each.
 - (7) Taco shell cooling, packing and shipping.
- (e) One (1) whole corn receiving system, including the following:
- (1) One (1) whole corn truck unloading station, identified as EU-PR-CR-39, constructed in 1994/95, equipped with a baghouse identified as CE-CR-39 and exhausting through stack EP-39, capacity: 30,000 pounds of whole corn per hour.
 - (2) Two (2) whole corn silos, identified as EU-PR-CR-40 and 41, constructed in 1994/95, each equipped with a baghouse, identified as CE-CR-40 and 41, respectively, and exhausting

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through stacks EP-40 and 41, respectively, capacity: 30,000 pounds of whole corn per hour, each, and 30,000 pounds of whole corn per hour, total, because EU-PR-CR-40 and 41 cannot run simultaneously.

- (3) One (1) whole corn scale hopper, identified as EU-PR-CR-42, constructed in 2010 and modified in 2013, with a maximum batch capacity of 1,800 lbs/dump and a maximum throughput capacity of 9,000 pounds of whole corn per hour, equipped with a baghouse, identified as CE-CR-42, and exhausting inside the building;
- (f) One (1) whole corn cooking process, constructed in 1994/95 and approved for modification in 2014, capable of producing a maximum of 8,000 pounds of cooked whole corn per hour, and having a bottlenecked throughput 7,000 pounds per hour, including:
- (1) Four (4) whole corn cooking kettles, with a combined maximum throughput capacity of 8,000 pounds of raw materials per hour, total.
 - (2) Two (2) whole corn transfer tanks, with a combined maximum throughput capacity of 8,000 pounds cooked whole corn per hour.
 - (3) Twenty-four (24) whole corn holding tanks, with a combined maximum throughput capacity of 8,000 pounds cooked whole corn per hour, total.
 - (4) Two (2) wet corn grinders, with a combined maximum throughput capacity of 7,000 pounds cooked whole corn per hour.
- (g) One (1) whole corn fried chip production process, constructed in 1994/95, producing a maximum of 2,100 pounds of fried whole corn chips per hour, including:
- (1) One (1) natural gas-fired chip oven, identified as EU-PR-CL-13, with a heat input capacity of 3.2 million British thermal units per hour, and exhausting through stack EP-CL-02-01/02.
 - (2) One (1) chip fryer, identified as EU-PR-CLF-2, equipped with a natural gas-fired heat exchanger, identified as EU-PR-CL-15, with a heat input capacity of 2.9 million British thermal units per hour, and exhausting through stack EP-CLF-2, with the heat exchanger exhausting through stack EP-CLHE-2, capacity: 2,100 pounds per hour.
 - (3) One (1) fried chip conveyor, identified as EU-PR-CLAC-2, exhausting to stack EP-CLAC-2, capacity: 2,100 pounds per hour.
 - (4) One (1) salt tumbler.
 - (5) Fried corn chip packing and shipping.
- (h) One (1) whole corn baked chip production line, approved for construction in 2014, with a maximum throughput capacity of 3,500 lbs of baked whole corn chips per hour through the baked chip line or 2,500 lbs of baked whole corn chips through the Masa Tortilla line, and including the following:
- (1) Ground whole corn is received from the whole corn cooking process at a rate of 3,500 pounds per hour;
 - (2) One (1) whole corn chip forming operation;
 - (3) Formed whole corn chips are sent to the corn masa tortilla baking oven (EU-PR-MTO-03), and/or the corn masa baked chip oven (EU-PR-BC-01), for baking; and
 - (4) Whole corn baked chip cooling, packaging, and shipping via the Masa Baked Chip Line

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and/or the Masa Tortilla Line cooling, packaging, and shipping operations.

- (i) One (1) salt tank, identified as EU-PR-SA-01, equipped with a filter sock, identified as CE-SA-01, and exhausting through stack EP-SA-01, constructed in 1997, capacity: 25,000 pounds of salt per hour.
- (j) One (1) natural gas-fired boiler, identified as EU-PR-BR-01, constructed in 1994/1995, exhausting through stack EP-Boiler, heat input capacity: 6.3 million British thermal units per hour.
- (k) One (1) natural gas-fired hot water heater, identified as EU-PR-WH-02, exhausting through stack EP-WH, constructed in 2013, capacity: 8.0 million British thermal units per hour.
- (l) One (1) corn masa baked chip process line, identified as Masa Baked Chip Line, including the following:
 - (1) One (1) primary corn masa baked chip usebin, identified as EU-PR-MA-55, with a processing capacity of 7,500 pounds of corn masa per hour, equipped with baghouse CE-MA-55 and exhausting to the indoors, and constructed in 2005, capacity: 7,500 pounds of corn masa per hour.
 - (2) One (1) corn masa baked chip scale hopper, identified as EU-PR-MA-56, with a capacity of 9000 pounds of corn masa per hour, venting to baghouse CE-MA-55 and exhausting to the indoors, and constructed in 2005, capacity: 9,000 pounds of corn masa per hour.
 - (3) One (1) corn masa chip shell mixer, identified as EU-PR-MA-57, equipped with filter sock CE-MA-57, constructed in 2005, capacity: 13,410 pounds of corn masa per hour.
 - (4) One (1) natural gas-fired corn masa baked chip oven, identified as EU-PR-BC-01, processing a maximum of 3,500 lbs of corn masa chips, or whole corn chips per hour, uncontrolled and exhausting to stack EP-BC-01, constructed in 2005, heat input capacity: 8.5 million British thermal units per hour.
 - (5) Corn masa and/or whole corn baked chip cooling, packaging, and shipping.
- (m) One (1) corn masa manual unloading, identified as EU-PR-MA-54, and totally enclosed (no vent, no baghouse), constructed in 2005, capacity: 11,350 pounds of corn masa per hour.
- (n) One (1) corn masa tortilla production line, identified as Masa Tortilla Line, constructed in 2010, including the following:
 - (1) One (1) corn masa scale hopper, identified as EU-PR-MTO-01, with a maximum throughput capacity of 1,200 pounds of manually loaded corn masa per hour, uncontrolled and exhausting inside the building;
 - (2) One (1) corn masa tortilla mixer, identified as EU-PR-MTO-02, with a maximum input capacity of 1,200 lbs of corn masa and 100 gallons of water per hr, controlled by a filter sock (CE-MTO-02), and exhausting inside the building;
 - (3) One (1) corn masa tortilla forming operation;
 - (4) One (1) natural gas-fired corn masa tortilla baking oven, identified as EU-PR-MTO-03, with a maximum heat input capacity of 4.5 MMBtu/hr, processing a maximum of 2,500 lbs of corn masa tortillas, or whole corn chips per hour, uncontrolled and uncontrolled and exhausting inside the building; and
 - (5) Baked corn masa tortilla and/or whole corn baked chip cooling, packaging, and shipping

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equipment.

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

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

D.1.1 Particulate [326 IAC 6-3-2]

- (a) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from each of the following operations shall not exceed the pound per hour limits listed in the table below were calculated using the following equation:

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

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

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Unit Description	Unit ID	Control Device	Maximum Process Weight Rate (tons/hr)	326 IAC 6-3-2 Limit (lbs/hr)
one (1) flour silo	EU-PR-FL-31	CE-FL-31	18.0	28.4
one (1) flour silo	EU-PR-FL-32	CE-FL-32	18.0	28.4
one (1) flour silo	EU-PR-FL-33	CE-FL-33	18.0	28.4
one (1) flour silo	EU-PR-FL-34	CE-FL-34	18.0	28.4
one (1) flour sifter	EU-PR-FL-36	CE-FL-36	12.0	21.7
one (1) flour sifter	EU-PR-FL-37	CE-FL-37	12.0	21.7
Flour Tortilla Production: one (1) flour tortilla usebin	EU-PR-FL-35	CE-FL-35	17.64	28.05
Flour Tortilla Production: five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41			
One (1) flour usebin for Flatbread	EU-PR-FL-42	CE-FL-42	12.0	21.67
one (1) flour tortilla mixer	EU-PR-TO-09	CE-TO-09	1.76	5.98
one (1) flour tortilla mixer	EU-PR-TO-10A	CE-TO-10A	0.88	3.76
one (1) flour tortilla mixer	EU-PR-TO-10B	CE-TO-10B	0.88	3.76
one (1) flour tortilla mixer	EU-PR-TO-11	CE-TO-11	1.76	5.98
one (1) flour tortilla mixer	EU-PR-TO-12	CE-TO-12	0.88	3.76
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-36	CE-TMI-36	0.5	2.58
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-37A	CE-TMI-37A	0.5	2.58
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-37B	CE-TMI-37B	0.5	2.58
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-38	CE-TMI-38	0.5	2.58
one (1) flatbread flour usebin; one (1) flatbread flour scale hopper	EU-PR-FB-30/31	CE-FB-30	19.5	30.0
one (1) flatbread mixer	EU-PR-FB-32	CE-FB-32	1.25	4.76
one (1) flatbread minor ingredient hand dumper; one (1) flatbread minor ingredient usebin	EU-PR-FBM-01/02	CE-FBM-02	1.0	4.10
one (1) flatbread minor ingredient pre-mix hopper	EU-FBM-04	CE-FBM-04	7.5	15.8
two (2) masa totes and one (1) primary masa usebin; one (1) primary masa scale hopper	EU-PR-MA-45/53	CE-MA-45	10.5	19.8
three (3) taco shell fryers	EU-PR-TS-20/23/26	EP-TSF-3/4/5	1.62	5.66
one (1) whole corn truck unloading station	EU-PR-CR-39	CE-CR-39	15.0	25.2
one (1) whole corn silo	EU-PR-CR-40	CE-CR-40	15.0	25.2
one (1) whole corn silo	EU-PR-CR-41	CE-CR-41	15.0	25.2
one (1) whole corn scale hopper	EU-PR-CR-42	CE-CR-42	4.5	11.2
one (1) corn chip fryer	EU-PR-CLF-2	EP-CLF-2	1.05	4.24
one (1) corn chip conveyor	EU-PR-CLAC-2	EP-CLAC-2	1.05	4.24
one (1) salt tank	EU-PR-SA-01	EP-SA-01	12.5	22.3

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D.1.2 FESOP and PSD Minor Limits [326 IAC 2-2][326 IAC 2-8-4]

In order to comply with the requirements of 326 IAC 2-8-4 (FESOP) and render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), not applicable, the Permittee shall comply with the following:

- (a) The Permittee shall comply with the following throughput rate limits:

Unit Description	Unit ID	Throughput Limits (tons per twelve (12) consecutive month period)
four (4) flour silos	EU-PR-FL-31/32/33/34	57,747
two (2) flour sifters	EU-PR-FL-36/37	57,747
one (1) flour usebin for Flatbread	EU-PR-FL-42	8,365
one (1) flour tortilla usebin	EU-PR-FL-35	49,381
five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41	
five (5) flour tortilla mixers	EU-PR-TO-09/10A/10B/11/12	53,869
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	4,488
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	4,488
five (5) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36/37A/37B/38/39	4,488
one (1) flatbread flour usebin	EU-PR-FB-30	8,365
one (1) flatbread scale hopper	EU-PR-FB-31	8,365
one (1) flatbread mixer	EU-PR-FB-32	10,931
one (1) flatbread minor ingredient hand dumper	EU-PR-FBM-01	1,420
one (1) flatbread minor ingredient usebin	EU-PR-FBM-02	1,420
one (1) flatbread minor ingredient scale hopper	EU-FBM-03	1,420
one (1) flatbread minor ingredient pre-mix hopper	EU-FBM-04	1,420
one (1) primary masa usebin	EU-PR-MA-45	12,012
one (1) primary masa scale hopper	EU-PR-MA-53	12,012
one (1) taco shell mixer	EU-PR-MA-52	12,252
three (3) taco shell fryers	EU-PR-TS-20/23/26	14,190
one (1) whole corn truck unloading station	EU-PR-CR-39	24,528
two (2) whole corn silos	EU-PR-CR-40/41	24,528
one (1) whole corn scale hopper	EU-PR-CR-42	24,528
one (1) chip fryer	EU-PR-CLF-2	9,198
one (1) chip conveyor	EU-PR-CLAC-2	9,198
one (1) salt tank	EU-PR-SA-01	109,500

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- (b) The Permittee shall comply with the following emission limitations for PM, PM10, and PM2.5 emissions:

Unit Description	Unit ID	PM/PM10/PM2.5 Emission Limit (lbs/ton)
four (4) flour silos	EU-PR-FL-31	0.008
	EU-PR-FL-32	0.008
	EU-PR-FL-33	0.008
	EU-PR-FL-34	0.020
two (2) flour sifters	EU-PR-FL-36/37	0.007 (each)
one (1) flour usebin for Flatbread	EU-PR-FL-42	0.051
one (1) flour tortilla use bin	EU-PR-FL-35	0.076
five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41	
five (5) flour tortilla mixers	EU-PR-TO-09	0.138
	EU-PR-TO-10A	0.069
	EU-PR-TO-10B	0.069
	EU-PR-TO-11	0.138
	EU-PR-TO-12	0.069
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	0.087
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	0.087
five (5) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36	0.058
	EU-PR-TMI-37A	0.058
	EU-PR-TMI-37B	0.058
	EU-PR-TMI-38	0.058
	EU-PR-TMI-39	0.147
one (1) flatbread flour usebin	EU-PR-FB-30	0.054
one (1) flatbread scale hopper	EU-PR-FB-31	0.054
one (1) flatbread mixer	EU-PR-FB-32	0.484
one (1) flatbread minor ingredient hand dumper	EU-PR-FBM-01	0.710
one (1) flatbread minor ingredient usebin	EU-PR-FBM-02	0.710
one (1) flatbread minor ingredient scale hopper	EU-FBM-03	0.452
one (1) flatbread minor ingredient pre-mix hopper	EU-FBM-04	0.452
one (1) primary masa usebin	EU-PR-MA-45	0.136
one (1) primary masa scale hopper	EU-PR-MA-53	0.136
one (1) taco shell mixer	EU-PR-MA-52	0.013
three (3) taco shell fryers	EU-PR-TS-20/23/26	0.800 (each)
one (1) whole corn truck unloading station	EU-PR-CR-39	0.233
two (2) whole corn silos	EU-PR-CR-40/41	0.273 (each)
one (1) whole corn scale hopper	EU-PR-CR-42	0.054
one (1) chip fryer	EU-PR-CLF-2	0.800
one (1) chip conveyor	EU-PR-CLAC-2	0.800
one (1) salt tank	EU-PR-SA-01	0.011

Compliance with these limits, combined with the potential to emit PM, PM10, and PM2.5 from all other emission units at this source, shall limit the source-wide PM emissions to less than 250 tons

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

D.1.3 Preventive Maintenance Plan [326 IAC 1-6-3]

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

Compliance Determination Requirements [326 IAC 2-8-4(1)]

D.1.4 Particulate Control

(a) In order to comply with Condition D.1.2(a), each of the following emission units shall be controlled by the associated baghouse or filter, as listed in the table below, when these units are in operation:

Unit Description	Unit ID	Control Device ID
four (4) flour silos	EU-PR-FL-31/32/33/34	CE-FL-31/32/33/34
two (2) flour sifters	EU-PR-FL-36/37	CE-FL-36/37
one (1) flour tortilla usebin	EU-PR-FL-35	CE-FL-35
five (5) flour scale hoppers	EU-PR-FL-38/39A/39B/40/41	
one (1) flour usebin for Flatbread	EU-PR-FL-42	CE-FL-42
five (5) flour tortilla mixers	EU-PR-TO-09/10A/10B/11/12	CE-TO-09/10A/10B/11/12
five (5) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36/37A/37B/38/39	CE-TMI-36/37A/37B/38/39
one (1) flatbread flour usebin and one (1) flatbread scale hopper	EU-PR-FB-30/31	CE-FB-30
one (1) flatbread mixer	EU-PR-FB-32	CE-FB-32
one (1) flatbread minor ingredient hand dumper and one (1) flatbread minor ingredient usebin	EU-PR-FBM-01/02	CE-FMB-02
one (1) flatbread minor ingredient scale hopper	EU-FBM-03	CE-FBM-03
one (1) flatbread minor ingredient pre-mix hopper	EU-FBM-04	CE-FBM-04
one (1) primary masa usebin and one (1) primary masa scale hopper	EU-PR-MA-45/53	CE-MA-45
one (1) taco shell mixer	EU-PR-MA-52	CE-MA-52
one (1) whole corn truck unloading station	EU-PR-CR-39	CE-CR-39
two (2) whole corn silos	EU-PR-CR-40/41	CE-CR-40/41
one (1) whole corn scale hopper	EU-PR-CR-42	CE-CR-42
one (1) salt tank	EU-PR-SA-01	CE-SA-01

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

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

D.1.5 Visible Emissions Notations

- (a) Visible emission notations of the baghouse and filter sock exhausts, listed in the table below, shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

Unit Description	Unit ID	Control Device ID
four (4) flour silos	EU-PR-FL-31/32/33/34	CE-FL-31/32/33/34
one (1) whole corn truck unloading station	EU-PR-CR-39	CE-CR-39
two (2) whole corn silos	EU-PR-CR-40/41	CE-CR-40/41
one (1) salt tank	EU-PR-SA-01	CE-SA-01

- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps. Section C - Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a violation of this permit.

D.1.6 Baghouse Parametric Monitoring

- (a) The Permittee shall record the pressure drop across the baghouses, listed in the table below, at least once per day when the processes exhausting to the baghouses are in operation. When for any one reading, the pressure drop across a baghouse is outside the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between 1.0 and 6.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a violation of this permit.

Emission Unit	Stack/Vent ID
EU-PR-FL-31/32/33/34	CE-FL-31/32/33/34
EU-PR-TMI-36/37A/37B/38/39	CE-TMI-36/37A/37B/38/39
EU-PR-FB-30/31	CE-FB-30
EU-PR-FMB-01/02	CE-FMB-02
EU-FMB-03	CE-FBM-03
EU-PR-MA-45/53	CE-MA-45
EU-PR-CR-39/40/41/42	CE-CR-39/40/41/42
EU-PR-FL-35	CE-FL-35
EU-PR-FL-38/39A/39B/40/41	
EU-PR-MA-55/56	CE-MA-55

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

D.1.7 Broken or Failed Bag Detection

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

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

D.1.8 Filter Inspections

An inspection shall be performed each calendar quarter of all filters controlling the emission units listed below.

Emission Unit ID	Filter ID
EU-PR-FL-36 and 37	CE-FL-36 and 37
EU-PR-FL-42	CE-FL-42
EU-PR-TO-09 and 11	CE-TO-09 and 11
EU-PR-TO-10A and 10B	CE-TO-10A and 10B
EU-PR-TO-12	CE-TO-12
EU-PR-TMI-78 and 79	CE-TMI-78(A-D) and CE-TMI-79(A-D)
EU-FBM-04	CE-FBM-04
EU-PR-FB-32	CE-FB-32
EU-PR-MA-52	CE-MA-52
EU-PR-SA-01	EP-SA-01
EU-PR-MA-57	CE-MA-57
EU-PR-MTO-02	CE-MTO-02

All defective filters shall be replaced.

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

D.1.9 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.5(a), the Permittee shall maintain daily records of visible emission notations of the baghouse and the filter sock exhausts. 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.1.6(a), the Permittee shall maintain records once per day of the pressure drop. The Permittee shall include in its daily record

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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) To document the compliance status with Condition D.1.8, the Permittee shall maintain records of the results of the inspections required by Condition D.1.8.
- (d) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligation with regard to the records required by this condition.

D.1.10 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.1.2 shall be submitted using the reporting forms located at the end of this permit, or their equivalent, not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

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

- (j) One (1) natural gas-fired boiler, identified as EU-PR-BR-01, constructed in 1994/1995, exhausting through stack EP-Boiler, heat input capacity: 6.3 million British thermal units per hour.
- (k) One (1) natural gas-fired hot water heater, identified as EU-PR-WH-02, exhausting through stack EP-WH, constructed in 2013, capacity: 8.0 million British thermal units per hour.

Insignificant Activities:

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour, and propane for liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) British thermal units per hour, including:
 - (2) Eighteen (18) natural gas indirect-fired heaters, identified as EU-PR-ACRTU-02 through 19, exhausting through stacks EP-ACRTU-02 through 19, respectively, constructed in 1994, maximum total capacity: 4.28 million British thermal units per hour.
- (d) One (1) taco shell production process, constructed in 1994/95, producing a maximum of 3,600 pounds of taco shells per hour, including:
 - (6) Three (3) taco shell fryers, identified as EU-PR-TS-20, EU-PR-TS-23 and EU-PR-TS-26, each equipped with a natural gas-fired heat exchanger, identified as EU-PR-TS-21, EU-PR-TS-24, and EU-PR-TS-27, each with a heat input capacity of 2.1 million British thermal units per hour, and exhausting through stacks EP-TSF-3, 4 and 5, with the heat exchangers exhausting through stacks EP-TSHE-3, 4 and 5, respectively, capacity: 1,080 pounds per hour, each.
- (g) One (1) whole corn fried chip production process, constructed in 1994/95, producing a maximum of 2,100 pounds of fried whole corn chips per hour, including:
 - (2) One (1) chip fryer, identified as EU-PR-CLF-2, equipped with a natural gas-fired heat exchanger, identified as EU-PR-CL-15, with a heat input capacity of 2.9 million British thermal units per hour, and exhausting through stack EP-CLF-2, with the heat exchanger exhausting through stack EP-CLHE-2, capacity: 2,100 pounds per hour.

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

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

D.2.1 Particulate Emissions [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emissions Limitations for Sources of Indirect Heating), the particulate emissions from the indirect heating units listed in the table below, shall be limited to Pt pounds per MMBtu/heat input, as follows:

DRAFT

Indirect Heating Units Which Began Operation after September 21, 1983							
Facility	Construction Year	Removal Date	Operating Capacity (MMBtu/hr)	Q (MMBtu/hr)	Calculated Pt (lb/MMBtu)	Particulate Limitation, (Pt) (lb/MMBtu)	PM PTE based on AP-42 (lb/MMBtu)
Boiler (EU-PR-BR-01)	1994	-	6.30	26.78	0.46	0.46	0.002
Heaters (EU-PR-ACRTU-02 through 19)	1994	2013	7.00	26.78	0.46	0.46	0.002
Heater (EU-PR-WH-02)	1994	-	4.28	26.78	0.46	0.46	0.002
Exchangers (EU-PR-TS-21/24/27)	1994	-	6.30	26.78	0.46	0.46	0.002
Exchanger (EU-PR-CL-15)	1994	-	2.90	26.78	0.46	0.46	0.002
Heater (EU-PR-WH-02)	2013	-	8.00	27.78	0.46	0.46	0.002
Where: Q =	Includes the capacity (MMBtu/hr) of the new unit(s) and the capacities for those unit(s) which were in operation at the source at the time the new unit(s) was constructed.						

These limitations are based on the following equation:

$$Pt = 1.09/Q^{0.26}$$

Where: Pt = Pounds of particulate matter emitted per million Btu (lb/MMBtu) heat input.

Q = Total source maximum operating capacity rating in million Btu per hour (MMBtu/hr) heat input.

DRAFT

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
CERTIFICATION**

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP Permit No.: F075-26199-00022

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Date:

DRAFT

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

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP Permit No.: F075-26199-00022

This form consists of 2 pages

Page 1 of 2

- | |
|--|
| <p><input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none">• The Permittee must notify the Office of Air Quality (OAQ), within four (4) daytime 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 2-8-12 |
|--|

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:

DRAFT

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

Page 2 of 2

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Four (4) flour silos, identified as EU-PR-FL-31 through 34
Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 57,747 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total flour input (tons)	Total flour input (tons)	Total flour input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Two (2) flour sifters, identified as EU-PR-FL-36 and 37
Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 57,747 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total flour input (tons)	Total flour input (tons)	Total flour input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flour tortilla usebin, identified as EU-PR-FL-35 and
Five (5) flour tortilla scale hoppers, identified as EU-PR-FL-38/39A/39B/40/41
Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 49,381 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total flour input (tons)	Total flour input (tons)	Total flour input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flour usebin for Flatbread, identified as EU-PR-FL-42
Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 8,365 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total flour input (tons)	Total flour input (tons)	Total flour input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Five (5) flour tortilla mixers, identified as EU-PR-TO-09/10A/10B/11/12
Parameter: Total raw materials, excluding water and oil, input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 53,869 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Thirty-eight (38) flour tortilla minor ingredient usebins, identified as EU-PR-TMI-40 through 77
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 4,488 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total ingredients input (tons)	Total ingredients input (tons)	Total ingredients input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Two (2) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-78 and 79
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 4,488 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total ingredients input (tons)	Total ingredients input (tons)	Total ingredients input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Five (5) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36/37A/37B/38/39
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 4,488 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total ingredients input (tons)	Total ingredients input (tons)	Total ingredients input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flatbread flour usebin, identified as EU-PR-FB-30
Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 8,365 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total flour input (tons)	Total flour input (tons)	Total flour input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flatbread scale hopper, identified as EU-PR-FB-31
Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 8,365 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total flour input (tons)	Total flour input (tons)	Total flour input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flatbread mixer, identified as EU-PR-FB-32
Parameter: Total raw materials, excluding water and oil, input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 10,931 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flatbread minor ingredient hand dumper, identified as EU-PR-FBM-01
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 1,420 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total ingredients input (tons)	Total ingredients input (tons)	Total ingredients input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flatbread minor ingredient usebin, identified as EU-PR-FBM-02
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 1,420 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total ingredients input (tons)	Total ingredients input (tons)	Total ingredients input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flatbread minor ingredient scale hopper, identified as EU-FBM-03
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 1,420 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total ingredients input (tons)	Total ingredients input (tons)	Total ingredients input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) flatbread minor ingredient pre-mix hopper, identified as EU-FBM-04
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 1,420 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total ingredients input (tons)	Total ingredients input (tons)	Total ingredients input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) primary masa usebin, identified as EU-PR-MA-45
Parameter: Total masa input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 12,012 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total masa input (tons)	Total masa input (tons)	Total masa input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) primary masa scale hopper, identified as EU-PR-MA-53
Parameter: Total masa input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 12,012 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total masa input (tons)	Total masa input (tons)	Total masa input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) taco shell mixer, identified as EU-PR-MA-52
Parameter: Total raw materials, excluding water and oil, input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 12,252 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Three (3) taco shell fryers, identified as EU-PR-TS-20, 23 and 26
Parameter: Total taco shells input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 14,190 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total taco shells input (tons)	Total taco shells input (tons)	Total taco shells input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) whole corn truck unloading station, identified as EU-PR-CR-39
Parameter: Total whole corn input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 24,528 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total whole corn input (tons)	Total whole corn input (tons)	Total whole corn input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Two (2) whole corn silos, identified as EU-PR-CR-40 and 41
Parameter: Total whole corn input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 24,528 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total whole corn input (tons)	Total whole corn input (tons)	Total whole corn input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) whole corn scale hopper, identified as EU-PR-CR-42,
Parameter: Total whole corn input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 24,528 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total whole corn input (tons)	Total whole corn input (tons)	Total whole corn input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) chip fryer, identified as EU-PR-CLF-2
Parameter: Total chips input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 9,198 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total chips input (tons)	Total chips input (tons)	Total chips input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
Mailing Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) chip conveyor, identified as EU-PR-CLAC-2
Parameter: Total chips input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 9,198 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total chips input (tons)	Total chips input (tons)	Total chips input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: One (1) salt tank, identified as EU-PR-SA-01
Parameter: Total salt input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 109,500 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total salt input (tons)	Total salt input (tons)	Total salt input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

DRAFT

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

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP Permit No.: F075-26199-00022

Months: _____ to _____ Year: _____

Page 1 of 2

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

NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

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

Source Description and Location

Source Name: Tyson Mexican Original, Inc.
Source Location: 1355 W. Tyson Rd, Portland, Indiana 47371
County: Jay
SIC Code: 2051 (Bread and Other Bakery Products, Except Cookies and Crackers);
 2096 (Potato Chips, Corn Chips, and Similar Snacks); and
 2099 (Food Preparations, Not Elsewhere Classified)
Operation Permit No.: F075-26199-00022
Operation Permit Issuance Date: May 19, 2009
Significant Permit Revision No.: 075-36488-00022
Permit Reviewer: Curtis Taylor/Katrina Gilbank

On November 13, 2015, the Office of Air Quality (OAQ) received an application from Tyson Mexican Original, Inc. related to a modification to an existing stationary taco shell, corn chip, tortilla, and flatbread manufacturing source.

Existing Approvals

The source was issued FESOP Renewal No. F075-26199-00022 on May 19, 2009. The source has since received the following approvals:

- (a) Administrative Amendment No. 075-33678-00022, issued on March 5, 2014; and
- (b) Significant Permit Revision No. 075-36092-00022, issued on October 30, 2015.

County Attainment Status

The source is located in Jay 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}	Unclassifiable or attainment effective April 5, 2005, 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.
¹ Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which 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. Jay 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}**
Jay 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**
Jay County has been classified as attainment or unclassifiable in Indiana for all other regulated criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

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

Status of the Existing Source

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

This PTE table is from the TSD of Significant Permit Revision No. 075-36092-00022, issued on October 30, 2015.

Process/ Emission Unit	Potential To Emit of the Entire Source Prior to Revision (tons/year)								
	PM	PM10 ¹	PM2.5 ¹	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP
Flour System (4 silos; 2 sifters)*	2.74	2.74	2.74	0	0	0	0	0	N/A
Flour Tortilla Minor Ingredients*	0.99	0.99	0.99	0	0	0	0	0	N/A
Flatbread*	0.45	0.45	0.45	0	0	0	0	0	N/A
Flatbread Minor Ingredients*	0.74	0.74	0.74	0	0	0	0	0	N/A
Taco Shells*	0.30	0.30	0.30	0	0	0	0	0	N/A
Whole Corn Receiving System*	6.87	6.87	6.87	0	0	0	0	0	N/A
Salt*	0.62	0.62	0.62	0	0	0	0	0	N/A
Flour Tortilla Production**	6.20	6.20	6.20	0	0	0	0	0	N/A
Flatbread Production (mixer)**	2.65	2.65	2.65	0	0	0	0	0	N/A
Taco Shell Production**	0.079	0.079	0.079	0	0	0	0	0	N/A
Flour Tortilla Production**	0.20	0.20	0.20	0	0	0	0	0	N/A
Flatbread Production (oven)**	0	0	0	0	0	8.21	0	0	N/A
Taco Shell Production - three (3) fryers**	5.68	5.68	5.68	0	0	0.60	0	0.60	0.60 Hexane
Whole Corn Cooking Process***	0	0	0	0	0	0	0	0	N/A
Masa Corn Chip Production	7.36	7.36	7.36	0	0	0.78	0	0.78	0.78 Hexane
Masa Handling	0.11	0.05	0.05	0	0	0	0	0	N/A
2008 Flour Tortilla Line	0.80	0.44	0.44	0	0	0	0	0	N/A
Masa Tortilla Line	0.25	0.11	0.11	0	0	0	0	0	N/A
Whole Corn Baked Chip Line****	0	0	0	0	0	0	0	0	N/A
Natural Gas Combustion	0.55	2.18	2.18	0.17	28.72	1.58	24.12	0.54	0.52 Hexane
Total PTE of Entire Source	36.58	37.67	37.67	0.17	28.72	11.18	24.12	1.93	1.90 Hexane
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	NA	NA

N/A = not applicable, negl. = negligible

¹Under the Part 70 Permit program (40 CFR 70), PM10 and PM2.5, not particulate matter (PM), are each considered as a "regulated air pollutant".

²PM_{2.5} listed is direct PM_{2.5}.

* Limited PTE based on the use of a control device to comply with 326 IAC 2-2 (PSD) and 326 IAC 2-8 (FESOP).

**Limited PTE based upon annual production limit and lb/ton emission limits to comply with 326 IAC 2-2 (PSD) and 326 IAC 2-8 (FESOP).

***The Whole Corn Cooking Process was formerly associated with the Corn Chip Production line. This process has been separated out since as of this revision it will serve more than one production line. Emissions from this process have been determined negligible.

**** The Whole Corn Baked Chip Line makes use of several existing processes to form a new product, as follows: the whole corn storage, and handling operation, the whole corn cooking process, the tortilla forming process, and the tortilla cooling, packing, and shipping operation. Finally, the whole corn chips will be baked in the new masa tortilla baking oven.

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 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories as specified in 326 IAC 2-2-1(ff)(1).
- (b) This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because the unlimited potential to emit HAPs is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Description of Proposed Revision

The Office of Air Quality (OAQ) has reviewed an application, submitted by Tyson Mexican Original, Inc. on November 13, 2015, relating to the addition of emission units and control devices and the revision of existing emission limitations.

The following is a list of the new and modified emission units and pollution control devices:

- (a) One (1) flour silo system, constructed in 1994/95, including:
 - (1) Two (2) flour silos, identified as EU-PR-FL-31 and EU-RP-FL-33, each equipped with a baghouse, identified as CE-FL-31 and 33, respectively, and exhausting to the atmosphere, capacity: 36,000 pounds of flour per hour, each. Baghouses, identified as CE-FL-31 through CE-FL-33, approved in 2016 for replacement.
 - (2) One (1) flour sifter, identified as EU-PR-FL-36, equipped with a filter sock, identified as CE-FL-36, approved in 2016 for replacement, and exhausting inside, capacity: 24,000 pounds of flour per hour.
- (b) One (1) flour tortilla production process, constructed in 1994/95, producing a maximum of 14,880 pounds of flour tortillas per hour, including:
 - (1) Two (2) flour tortilla scale hoppers, identified as EU-PR-FL-39A and EU-PR-FL-39B, equipped with a baghouse for particulate control, identified as CE-FL-35, and exhausting inside, combined with other flour tortilla scale hoppers capacity: 15,000 pounds of flour per hour. Flour tortilla scale hoppers, identified as EU-PR-FL-39A and EU-PR-FL-39B, approved in 2016 to replace EU-PR-FL-39.
 - (2) Two (2) flour tortilla mixers, identified as EU-PR-TO-10A and EU-PR-TO-10B, approved in 2016 to replace EU-PR-TO-10, capacity: 1,757 pounds of raw materials, excluding water, per hour, each; each equipped a with filter sock for particulate control, identified as CE-TO-10A and CE-TO-10B, respectively, and exhausting indoors.
 - (3) One (1) natural gas-fired flour tortilla oven, identified as EU-PR-TO-04, approved in 2016 for replacement, with a heat input capacity of 1.5 million British thermal units per hour, and exhausting through stack EP-TO-4; capacity: 2,480 pounds per hour.
 - (4) One (1) flour tortilla minor ingredients system consisting of:

- (A) Two (2) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-37A and EU-PR-TMI-37B, each equipped with a baghouse, identified as CE-TMI-37A and 37B, respectively, and exhausting inside; capacity for EU-PR-TMI-37A and 37B is 1,000 pounds of minor ingredients per hour, each. Flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-37A and EU-PR-TMI-37B, and the respective dust collectors, identified as CE-TMI-37A and CE-TMI-37B, approved in 2016 to replace EU-PR-TMI-37 and dust collector CE-TMI-37.

The following is a list of the unpermitted emission unit:

- (a) One (1) flour usebin flatbread, identified as EU-PR-FL-42, constructed in 1994/95, re-permitted in 2016, equipped with a filter sock, identified as CE-FL-42, and exhausting inside, with a maximum capacity of 24,000 lbs/hr, receiving product from EU-PR-FL-33 and EU-PR-FL-34 and servicing EU-PR-FL-37.

The source has requested to revise the following throughput rate limits:

Unit Description	Unit ID	EXISTING Throughput Limits (tons per twelve (12) consecutive month period)	NEW Throughput Limits (tons per twelve (12) consecutive month period)
four (4) flour silos	EU-PR-FL-31/32/33/34	45,896	57,747
two (2) flour sifters	EU-PR-FL-36/37	45,896	57,747
one (1) flour usebin for Flatbread	EU-PR-FL-42	-*	8,365
five (5) flour tortilla scale hoppers & one (1) flour tortilla use bin	EU-PR-FL-35/38/39A/39B/40/41	37,531	49,381
four (4) flour tortilla mixers	EU-PR-TO-09/10A/10B/11	45,622	53,869
one (1) flour tortilla mixer	EU-PR-TO-12	-*	
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	1,317	4,488
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	3,284	4,488
five (5) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36/37A/37B/38/39	2,189	4,488

*New throughput limit.

In addition, the source has requested to revise the corresponding lb/ton particulate emission limitations.

Enforcement Issues

IDEM is aware that equipment has been 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 operating permit rules.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – FESOP Revision

The following table is used to determine the appropriate permit level under 326 IAC 2-8-11.1 (Permit Revisions). This table reflects the PTE before controls of the proposed revision. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Process/ Emission Unit	PTE of Proposed Revision (tons/year)								
	PM	PM10	PM2.5	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP
Flour System									
EU-PR-FL-36	19.52	19.52	19.52	0	0	0	0	0	-
EU-PR-FL-42	20.65	20.65	20.65	0	0	0	0	0	-
Flour Tortilla Production									
EU-PR-TO-10A	8.47	8.47	8.47	0	0	0	0	0	-
EU-PR-TO-10B	8.47	8.47	8.47	0	0	0	0	0	-
EU-PR-FL-39A	7.76	7.76	7.76	0	0	0	0	0	-
EU-PR-FL-39B	7.76	7.76	7.76	0	0	0	0	0	-
Flour Tortilla Minor Ingredients									
EU-PR-TMI-37A	11.77	11.77	11.77	0	0	0	0	0	-
EU-PR-TMI-37B	11.77	11.77	11.77	0	0	0	0	0	-
Natural Gas Combustion									
One (1) tortilla oven (EU-PR-TO-04)	0.01	0.05	0.05	negl.	0.66	0.04	0.55	0.01	0.01 Hexane
Total PTE of Proposed Revision	96.18	96.18	96.18	0	0.66	0.04	0.55	0.01	0.01 Hexane
Minor Permit Revision Threshold	5	5	5	10	10	10	25	-	-
Significant Permit Threshold	25	25	25	25	25	25	100	25	10
N/A = not applicable, negl. = negligible									

Pursuant to 326 IAC 2-8-11.1(f)(1)(E), this FESOP is being revised through a FESOP Significant Permit Revision because the proposed revision is not an Administrative Amendment or Minor Permit revision and the proposed revision involves the construction of new emission units, and involves a change in operation - where the PTE of any pollutant increases as indicated below with potential to emit greater than or equal to twenty-five (25) tons per year of PM, PM10, or direct PM2.5.

Pursuant to 326 IAC 2-8-11.1(f), this FESOP is being revised through a FESOP Significant Permit Revision because the proposed revision is not an Administrative Amendment or Minor Permit revision and the proposed revision involves adjusting existing 326 IAC 2-8 (FESOP) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) minor limits.

PTE of the Entire Source After Issuance of the FESOP Revision

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

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)								
	PM	PM10	PM2.5	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP
Flour System (4 silos; 2 sifters; 1 usebin)*	2.74 1.89	2.74 1.89	2.74 1.89	0	0	0	0	0	N/A
Flour Tortilla Minor Ingredients*	0.99 0.85	0.99 0.85	0.99 0.85	0	0	0	0	0	N/A
Flatbread*	0.45	0.45	0.45	0	0	0	0	0	N/A
Flatbread Minor Ingredients*	0.74	0.74	0.74	0	0	0	0	0	N/A
Taco Shells*	0.30	0.30	0.30	0	0	0	0	0	N/A
Whole Corn Receiving System*	6.87 10.22	6.87 10.22	6.87 10.22	0	0	0	0	0	N/A
Salt*	0.62	0.62	0.62	0	0	0	0	0	N/A
Flour Tortilla Production**	6.20 14.91	6.20 14.91	6.20 14.91	0	0	0	0	0	N/A
Flatbread Production (mixer)**	2.65	2.65	2.65	0	0	0	0	0	N/A
Taco Shell Production**	0.079	0.079	0.079	0	0	0	0	0	N/A
Flour Tortilla Production**	0.20 0.39	0.20 0.39	0.20 0.39	0	0	0	0	0	N/A
Flatbread Production (oven)**	0	0	0	0	0	8.21	0	0	N/A
Taco Shell Production - three (3) fryers**	5.68	5.68	5.68	0	0	0.60	0	0.60	0.60 Hexane
Whole Corn Cooking Process***	0	0	0	0	0	0	0	0	N/A
Masa Corn Chip Production	7.36	7.36	7.36	0	0	0.78	0	0.78	0.78 Hexane
Masa Handling	0.11	0.05	0.05	0	0	0	0	0	N/A
2008 Flour Tortilla Line	0.80	0.44	0.44	0	0	0	0	0	N/A
Masa Tortilla Line	0.25	0.11	0.11	0	0	0	0	0	N/A
Whole Corn Baked Chip Line****	0	0	0	0	0	0	0	0	N/A
Natural Gas Combustion	0.55	2.18 2.22	2.18 2.22	0.17	28.72 29.16	1.58 1.60	24.12 24.49	0.54 0.55	0.52 Hexane
Total PTE of Entire Source	36.58 46.32	37.67 47.78	37.67 47.78	0.17	28.72 29.16	11.18 11.20	24.12 24.49	1.93 1.94	1.90 1.91 Hexane
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	NA	NA

N/A = not applicable, negl. = negligible

¹Under the Part 70 Permit program (40 CFR 70), PM10 and PM2.5, not particulate matter (PM), are each considered as a "regulated air pollutant".

²PM_{2.5} listed is direct PM_{2.5}.

* Limited PTE based on the use of a control device to comply with 326 IAC 2-2 (PSD) and 326 IAC 2-8 (FESOP).

**Limited PTE based upon annual production limit and lb/ton emission limits to comply with 326 IAC 2-2 (PSD) and 326 IAC 2-8 (FESOP).

***The Whole Corn Cooking Process was formerly associated with the Corn Chip Production line. This process has been separated out since as of this revision it will serve more than one production line. Emissions from this process have been determined negligible.

**** The Whole Corn Baked Chip Line makes use of several existing processes to form a new product, as follows: the whole corn storage, and handling operation, the whole corn cooking process, the tortilla forming process, and the tortilla cooling, packing, and shipping operation. Finally, the whole corn chips will be baked in the new masa tortilla baking oven.

The table below summarizes the potential to emit of the entire source after issuance of this, reflecting all limits, of the emission units. The table below was generated from the above table, with bold text unbolded and strikethrough text deleted.

Process/ Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)								
	PM	PM10 ¹	PM2.5 ¹	SO ₂	NO _x	VOC	CO	Total HAPs	Worst Single HAP
Flour System (4 silos; 2 sifters; 1 usebin)*	1.89	1.89	1.89	0	0	0	0	0	N/A
Flour Tortilla Minor Ingredients*	0.85	0.85	0.85	0	0	0	0	0	N/A
Flatbread*	0.45	0.45	0.45	0	0	0	0	0	N/A
Flatbread Minor Ingredients*	0.74	0.74	0.74	0	0	0	0	0	N/A
Taco Shells*	0.30	0.30	0.30	0	0	0	0	0	N/A
Whole Corn Receiving System*	10.22	10.22	10.22	0	0	0	0	0	N/A
Salt*	0.62	0.62	0.62	0	0	0	0	0	N/A
Flour Tortilla Production**	14.91	14.91	14.91	0	0	0	0	0	N/A
Flatbread Production (mixer)**	2.65	2.65	2.65	0	0	0	0	0	N/A
Taco Shell Production**	0.079	0.079	0.079	0	0	0	0	0	N/A
Flour Tortilla Production**	0.39	0.39	0.39	0	0	0	0	0	N/A
Flatbread Production (oven)**	0	0	0	0	0	8.21	0	0	N/A
Taco Shell Production - three (3) fryers**	5.68	5.68	5.68	0	0	0.60	0	0.60	0.60 Hexane
Whole Corn Cooking Process***	0	0	0	0	0	0	0	0	N/A
Masa Corn Chip Production	7.36	7.36	7.36	0	0	0.78	0	0.78	0.78 Hexane
Masa Handling	0.11	0.05	0.05	0	0	0	0	0	N/A
Masa Tortilla Line	0.25	0.11	0.11	0	0	0	0	0	N/A
Whole Corn Baked Chip Line****	0	0	0	0	0	0	0	0	N/A
Natural Gas Combustion	0.55	2.22	2.22	0.17	29.16	1.60	24.49	0.55	0.52 Hexane
Total PTE of Entire Source	46.32	47.78	47.78	0.17	29.16	11.20	24.49	1.94	1.91 Hexane
Title V Major Source Thresholds**	NA	100	100	100	100	100	100	25	10
PSD Major Source Thresholds**	250	250	250	250	250	250	250	NA	NA

N/A = not applicable, negl. = negligible
¹Under the Part 70 Permit program (40 CFR 70), PM10 and PM2.5, not particulate matter (PM), are each considered as a "regulated air pollutant".
²PM_{2.5} listed is direct PM_{2.5}.
 * Limited PTE based on the use of a control device to comply with 326 IAC 2-2 (PSD) and 326 IAC 2-8 (FESOP).
 **Limited PTE based upon annual production limit and lb/ton emission limits to comply with 326 IAC 2-2 (PSD) and 326 IAC 2-8 (FESOP).
 ***The Whole Corn Cooking Process was formerly associated with the Corn Chip Production line. This process has been separated out since as of this revision it will serve more than one production line. Emissions from this process have been determined negligible.
 **** The Whole Corn Baked Chip Line makes use of several existing processes to form a new product, as follows: the whole corn storage, and handling operation, the whole corn cooking process, the tortilla forming process, and the tortilla cooling, packing, and shipping operation. Finally, the whole corn chips will be baked in the new masa tortilla baking oven.

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) FESOP Status

This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants, HAPs and CO2e from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP).

Criteria Pollutants

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

- (1) The Permittee shall comply with the following throughput rate limits:

Unit Description	Unit ID	Throughput Limits (tons per twelve (12) consecutive month period)
four (4) flour silos	EU-PR-FL-31/32/33/34	57,747
two (2) flour sifters	EU-PR-FL-36/37	57,747
one (1) flour usebin for Flatbread	EU-PR-FL-42	8,365
one (1) flour tortilla use bin	EU-PR-FL-35	49,381
five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41	
five (5) flour tortilla mixers	EU-PR-TO-09/10A/10B/11/12	53,869
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	4,488
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	4,488
five (5) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36/37A/37B/38/39	4,488
three (3) taco shell fryers	EU-PR-TS-20/23/26	14,190
two (2) whole corn silos	EU-PR-CR-40/41	24,528

- (2) The Permittee shall comply with the following emission limitations for PM10 and PM2.5 emissions:

Unit Description	Unit ID	PM10/PM2.5 Emission Limit (lbs/ton)
four (4) flour silos	EU-PR-FL-31	0.008
	EU-PR-FL-32	0.008
	EU-PR-FL-33	0.008
	EU-PR-FL-34	0.020
two (2) flour sifters	EU-PR-FL-36/37	0.007 (each)
one (1) flour usebin for Flatbread	EU-PR-FL-42	0.051
one (1) flour tortilla use bin	EU-PR-FL-35	0.076
five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41	
five (5) flour tortilla mixers	EU-PR-TO-09	0.138
	EU-PR-TO-10A	0.069
	EU-PR-TO-10B	0.069
	EU-PR-TO-11	0.138
	EU-PR-TO-12	0.069
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	0.087
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	0.087
five (5) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36	0.058
	EU-PR-TMI-37A	0.058
	EU-PR-TMI-37B	0.058
	EU-PR-TMI-38	0.058
	EU-PR-TMI-39	0.147
three (3) taco shell fryers	EU-PR-TS-20/23/26	0.800 (each)
two (2) whole corn silos	EU-PR-CR-40/41	0.273 (each)

Compliance with these limits, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM10 and PM2.5 to less than 100 tons per twelve (12) consecutive month period, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), not applicable.

(b) PSD Minor Source – PM

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

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the source shall comply with the following:

(1) The Permittee shall comply with the following throughput rate limits:

Unit Description	Unit ID	Throughput Limits (tons per twelve (12) consecutive month period)
four (4) flour silos	EU-PR-FL-31/32/33/34	57,747
two (2) flour sifters	EU-PR-FL-36/37	57,747
one (1) flour usebin for Flatbread	EU-PR-FL-42	8,365
one (1) flour tortilla use bin	EU-PR-FL-35	49,381
five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41	
five (5) flour tortilla mixers	EU-PR-TO-09/10A/10B/11/12	53,869
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	4,488
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	4,488
five (5) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36/37A/37B/38/39	4,488
three (3) taco shell fryers	EU-PR-TS-20/23/26	14,190
two (2) whole corn silos	EU-PR-CR-40/41	24,528

(2) The Permittee shall comply with the following emission limitations for PM emissions:

Unit Description	Unit ID	PM Emission Limit (lbs/ton)
four (4) flour silos	EU-PR-FL-31	0.008
	EU-PR-FL-32	0.008
	EU-PR-FL-33	0.008
	EU-PR-FL-34	0.020
two (2) flour sifters	EU-PR-FL-36/37	0.007 (each)
one (1) flour usebin for Flatbread	EU-PR-FL-42	0.051
one (1) flour tortilla use bin	EU-PR-FL-35	0.076
five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41	
five (5) flour tortilla mixers	EU-PR-TO-09	0.138
	EU-PR-TO-10A	0.069
	EU-PR-TO-10B	0.069
	EU-PR-TO-11	0.138
	EU-PR-TO-12	0.069
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	0.087
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	0.087
five (5) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36	0.058
	EU-PR-TMI-37A	0.058
	EU-PR-TMI-37B	0.058
	EU-PR-TMI-38	0.058
	EU-PR-TMI-39	0.147
three (3) taco shell fryers	EU-PR-TS-20/23/26	0.800 (each)
two (2) whole corn silos	EU-PR-CR-40/41	0.273 (each)

Compliance with these limits, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide total potential to emit of PM to less than 250 tons per twelve (12) consecutive month period and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

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

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (a) The requirements of the National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63.7480, Subpart DDDDD and 326 IAC 20-95, are not included for this proposed revision because the natural gas-fired tortilla oven, identified as EU-PR-TO-04, is not a process heater, as defined in 40 CFR 63.7575, and the source is not located at a major source of HAPs.
- (b) The requirements of the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR 63.11183, Subpart JJJJJJ, are not included for this proposed revision because the natural gas-fired tortilla oven, identified as EU-PR-TO-04, is not a boiler, as defined in 40 CFR 63.11237.
- (c) There are no new National Emission Standards for Hazardous Air Pollutants (40 CFR Part 63), 326 IAC 14 and 326 IAC 20 included for this proposed revision.

Compliance Assurance Monitoring (CAM)

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

State Rule Applicability Determination

- (a) 326 IAC 2-8-4 (FESOP)
This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP). See PTE of the Entire Source After Issuance of the FESOP Revision Section above.
- (b) 326 IAC 2-2 (Prevention of Significant Deterioration (PSD))
This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply. See PTE of the Entire Source After Issuance of the FESOP Revision Section above.
- (c) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The proposed revision is not subject to the requirements of 326 IAC 2-4.1, since the unlimited potential to emit of HAPs from the new and modified units is less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs.

- (d) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.
- (e) 326 IAC 5-1 (Opacity Limitations)
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- (f) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.
- (g) 326 IAC 12 (New Source Performance Standards)
See Federal Rule Applicability Section of this TSD.
- (h) 326 IAC 20 (Hazardous Air Pollutants)
See Federal Rule Applicability Section of this TSD.

State Rule Applicability Determination - Individual Facilities

Natural Gas Combustion

326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heating)
The requirements of 326 IAC 6-2 are not included because the natural gas-fired tortilla oven, identified as EU-PR-TO-04, is not an indirect heating unit, as defined in 326 IAC 1-2-19.

326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heating)
Pursuant to 326 IAC 6-2-4, the particulate emissions from the units in the following table which were constructed after September 21, 1983, shall be limited by 326 IAC 6-2-4 as described in the table below:

This limitation is based on the following equation:

$$Pt = \frac{1.09}{Q^{0.26}} \quad \text{Where } Pt = \text{emission rate limit (lbs/MMBtu)} \\ Q = \text{total source heat input capacity (MMBtu/hr)}$$

Indirect Heating Units Which Began Operation after September 21, 1983							
Facility	Construction Year	Removal Date	Operating Capacity (MMBtu/hr)	Q (MMBtu/hr)	Calculated Pt (lb/MMBtu)	Particulate Limitation, (Pt) (lb/MMBtu)	PM PTE based on AP-42 (lb/MMBtu)
Boiler (EU-PR-BR-01)	1994	-	6.30	26.78	0.46	0.46	0.002
Heaters (EU-PR-ACRTU-02 through 19)	1994	2013	7.00	26.78	0.46	0.46	0.002
Heater (EU-PR-WH-02)	1994	-	4.28	26.78	0.46	0.46	0.002
Exchangers (EU-PR-TS-21/24/27)	1994	-	6.30	26.78	0.46	0.46	0.002
Exchanger (EU-PR-CL-15)	1994	-	2.90	26.78	0.46	0.46	0.002
Heater (EU-PR-WH-02)	2013	-	8.00	27.78	0.46	0.46	0.002
Where: Q =		Includes the capacity (MMBtu/hr) of the new unit(s) and the capacities for those unit(s) which were in operation at the source at the time the new unit(s) was constructed.					

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

The natural gas-fired tortilla oven, identified as EU-PR-TO-04, is not subject to 326 IAC 6-3 because pursuant to 326 IAC 1-2-59, liquid and gaseous fuels and combustion air are not considered part of the process weight.

326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)

The requirements of 326 IAC 7-1.1 are not applicable to the natural gas-fired tortilla oven, identified as EU-PR-TO-04, because of the unit does not have the potential to emit twenty-five (25) tons per year or ten (10) pounds per hour of sulfur dioxide.

326 IAC 9 (Carbon Monoxide Emission Limits)

The requirements of 326 IAC 9 are not applicable to the natural gas-fired tortilla oven, identified as EU-PR-TO-04, because the source is not a petroleum refinery, ferrous metal smelter or a refuse incineration and refuse burning equipment operation.

Flour Silo System and Flour Tortilla Production Process

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

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the following operation shall not exceed the pounds per hour limits listed in the table below when operating at a process weight rate listed in the table below. The pound per hour limitation was calculated with the following equation:

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

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

Unit Description	Unit ID	Control Device	Maximum Process Weight Rate (tons/hr)	326 IAC 6-3-2 Limit (lbs/hr)
Flour Tortilla Production*: one (1) flour tortilla usebin	EU-PR-FL-35	CE-FL-35	17.64	28.05
Flour Tortilla Production*: five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41			
one (1) flour usebin for flatbread	EU-PR-FL-42	CE-FL-42	12.0	21.67
one (1) flour tortilla mixer	EU-PR-TO-10A	CE-TO-10A	0.88	3.76
one (1) flour tortilla mixer	EU-PR-TO-10B	CE-TO-10B	0.88	3.76
one (1) flour tortilla mixer**	EU-PR-TO-12	CE-TO-12	0.88	3.76
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-36	CE-TMI-36	0.5	2.58
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-37A	CE-TMI-37A	0.5	2.58
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-37B	CE-TMI-37B	0.5	2.58

* Flour Tortilla Production has a common control device.

** New requirements due to revised throughput rate and emission factor.

The respective control devices, except for CE-TO-10A/10B/12, shall be in operation at all times the following operations are in operation, in order to comply with these limits.

The uncontrolled PM emission rates of EU-PR-FL-TO-10A/10B/12 are 1.93 (lbs/hr), each, which is less than the correlating limits of 3.76 (lbs/hr). Based on calculations, the control devices CE-TO-10A/10B/12 are not needed to comply with this limit.

Compliance Determination, Monitoring and Testing Requirements
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The compliance determination and monitoring requirements applicable to this proposed revision are as follows:

- (a) **Particulate Control**
 The baghouses and sock filters for particulate control shall be in operation and controlling emissions from the following emission units at all times these units are in operation:

Unit Description	Unit ID	Control Device ID	Operating Parameter	Frequency	Range	Excursions and Exceedances
two (2) flour silos	EU-PR-FL-31/33	CE-FL-31/33	Water Pressure Drop	Daily	1.0-6.0 inches	Response Steps
two (2) flour scale hoppers	EU-PR-FL-39A/39B	CE-FL-35	Water Pressure Drop	Daily	1.0-6.0 inches	Response Steps
two (2) flour tortilla mixers	EU-PR-TO-10A/10B	CE-TO-10A/10B	Water Pressure Drop	Daily	1.0-6.0 inches	Response Steps
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-37A/37B	CE-TMI-37A/37B	Water Pressure Drop	Daily	1.0-6.0 inches	Response Steps
one (1) flour usebin for Flatbread	EU-PR-FL-42	CE-FL-42	Filter inspections	Quarterly	n/a	Response Steps
two (2) flour sifters	EU-PR-FL-36 and 37	CE-FL-36/37	Filter inspections	Quarterly	n/a	Response Steps
one (1) flatbread minor ingredient scale hopper	EU-FBM-04	CE-FBM-04	Filter inspections	Quarterly	n/a	Response Steps

These monitoring conditions are necessary because the baghouses and filter socks for the above listed units must operate properly to assure compliance with 326 IAC 6-3 (Particulate Emissions Limitations for Manufacturing Processes) and 326 IAC 2-8 (FESOP).

- (b) There are no testing requirements applicable to this proposed revision for the new or revised lb/ton emission limits. The source was previously not required to demonstrate compliance with the existing lb/ton emission limits. The same methodology is being used in this proposed permit revision to create the new and revise the existing lb/ton limits.

Proposed Changes

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

- (1) Replace natural gas-fired flour tortilla oven, identified as EU-PR-TO-04.
- (2) Replace natural gas-fired hot water heater, identified as EU-PR-WH-02.
- (3) Replace flour tortilla mixer EU-PR-TO-10 with two (2) mixers, EU-PR-TO-10-A and EU-PR-TO-10B.
- (4) Replace flour tortilla scale hopper, identified as EU-PR-FL-39, with two (2) hoppers, identified as EU-PR-FL-39A and EU-PR-FL-39B.
- (5) Replace flour tortilla minor ingredient scale hopper, identified as EU-PR-TMI-37, with two (2) scale hoppers, identified as EU-PR-TMI-37A and EU-PR-TMI-37B.
- (6) Replace baghouses, identified as CE-FL-31, CEFL-32, CE-FL-33, CE-TMI-36, CE-TMI-38, and revise the associated outlet grain loadings and flow rates.
- (7) Replace flour sifter, identified as EU-PR-FL-36.
- (8) Add back into the permit, one (1) flatbread flour pre-sifter usebin, identified as EU-PR-FL-42, and baghouse CE-FL-42. The source agreed EU-PR-FL-41 and EU-PR-FL-42 could be removed from the permit via correspondence in 2008/2009 (VFC document No.: 49216406, page 263-285). However, EU-PR-FL-41 was decommissioned in 2013/2014 and EU-PR-FL-42 was never removed and is still operating. Quarterly Filter Inspections are being included in the permit for CE-FL-42.
- (9) Revise the emission limitations as described in the Description of Proposed Revisions section above.

- (10) Correct the maximum throughput capacity of Flour Tortilla Minor Ingredients scale hoppers, identified as EU-PR-TMI-36/38/39, from 12,000 pounds per hour to 1,000 pounds per hour, each.
- (11) Combine the emission unit descriptions of emission units EU-PR-FL-41, EU-PR-TO-12, and EU-PR-TMI-39 with the respective existing emission unit descriptions.
- (12) Correct the emission unit description of the flatbread minor ingredient system, one (1) flatbread minor ingredient pre-mix hopper, identified as EU-FBM-04. The control device for this unit is not a baghouse, as described, and should not have Baghouse Parametric Monitoring requirements associated with it. This unit is controlled by a filter sock, identified as CE-FBM-04, and the compliance monitoring requirements of Filter Inspections will be added to the permit.
- (13) Revise the Compliance Monitoring Requirements of filter socks, identified as CE-FBM-04, CE-FL-36 and 37, from Baghouse Parametric Monitoring to Quarterly Filter Inspections.
- (14) Clarify the limits for the Whole Corn Receiving System's two (2) whole corn silos, identified as EU-PR-CR-40/41 and the Taco Shell Production Process' three (3) taco shell fryers, identified as EU-PR-TS-20, EU-PR-TS-23 and EU-PR-TS-26.

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.

IDEM, OAQ has corrected typographical errors.

IDEM, OAQ removed the Baghouse Parametric Monitoring requirement from two (2) flour sifters, identified as EU-PR-FL-36 and 37 because these units are equipped with filter socks and not baghouses.

IDEM, OAQ has added 326 IAC 6-3-2 Particulate Emission Limitations requirements for one (1) flour tortilla mixer, identified as EU-PR-TO-12, and one (1) flour usebin for Flatbread, identified as EU-PR-TO-42.

IDEM, OAQ added the rule citation 326 IAC 2-8-4(1) to the Compliance Determination Requirements subsection title in Section D.1 to clarify the authority of these conditions.

326 IAC 2-8-12 states that the Permittee must notify IDEM within "four (4) daytime business hours" for emergencies. The FESOP Emergency Occurrence Report Form lacked the word 'daytime'. 'Daytime' is being added to be consistent with the rule. In addition, the existing rule cite is being corrected to refer to the FESOP rules.

The permit is revised as follows:

...

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

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

- (a) One (1) flour silo system, constructed in 1994/95, **modified in 2008, and approved for modification in 2016**, including:
 - (1) Four (4) flour silos, identified as EU-PR-FL-31 through 34, each equipped with a baghouse, identified as CE-FL-31 through 34, respectively, and exhausting to the atmosphere, capacity: 36,000 pounds of flour per hour, each. **Baghouses, identified as CE-FL-31 through CE-FL-33, approved in 2016 for replacement.**
 - (2) Two (2) flour sifters, identified as EU-PR-FL-36 and 37, each equipped with a filter sock, identified as CE-FL-36 and 37, **EU-PR-FL-36 approved in 2016 for replacement**, and exhausting inside, capacity: 24,000 pounds of flour per hour, each.

- (3) **One (1) flour usebin flatbread, identified as EU-PR-FL-42, constructed in 2008, re-permitted in 2016, equipped with a filter sock, identified as CE-FL-42, and exhausting inside, with a maximum capacity of 24,000 lbs/hr, receiving product from EU-PR-FL-33 and EU-PR-FL-34 and servicing EU-PR-FL-37.**
- (b) One (1) flour tortilla production process, constructed in 1994/95, **modified in 2008, and approved for modification in 2016**, producing a maximum of ~~44,880~~**17,360** pounds of flour tortillas per hour, including:
- ...
- (2) ~~Three-Five (35)~~ flour tortilla scale hoppers, identified as EU-PR-FL-38 through, **EU-PR-FL-39A, EU-PR-FL-39B, EU-PR-FL-40, and EU-PR-FL-41**, equipped with a baghouse **for particulate control**, identified as CE-FL-35, and exhausting inside, **combined** capacity: 15,000 pounds of flour per hour, ~~each~~. **Flour tortilla scale hoppers, identified as EU-PR-FL-39A and EU-PR-FL-39B, approved in 2016 to replace EU-PR-FL-39.**
- (3) ~~Three-Two (32)~~ flour tortilla mixers, identified as EU-PR-TO-09 through ~~and 11~~, equipped with filter **socks**, identified as CE-TO-09 through ~~and 11, respectively~~, and exhausting inside, capacity: ~~3,472~~**514** pounds of raw materials, excluding water **and oil**, per hour, each.
- (3a) **Two (2) flour tortilla mixers, identified as EU-PR-TO-10A and EU-PR-TO-10B, approved in 2016 to replace EU-PR-TO-10, capacity: 1,757 pounds of raw materials, excluding water and oil, per hour, each; each equipped a with filter sock for particulate control, identified as CE-TO-10A and CE-TO-10B, respectively, and exhausting indoors.**
- (3b) **One (1) flour tortilla mixer, identified as EU-PR-TO-12, constructed in 2008, capacity: 1,757 pounds of raw materials, excluding water and oil, per hour, equipped with a filter sock for particulate control, identified as CE-TO-12, and exhausting indoors.**
- (4) ~~Six-Seven (67)~~ sets of pressed flour tortilla forming equipment.
- (5) ~~Six-Seven (67)~~ natural gas-fired flour tortilla ovens, identified as EU-PR-TO-~~02-01~~ through 07 (**EU-PR-TO-01 was constructed in 2008, EU-PR-TO-04 approved in 2016 for replacement, and EU-PR-TO-07 was constructed in 2001**), each with a heat input capacity of 1.5 million British thermal units per hour, and exhausting through stacks EP-TO-2-1 through 7, respectively; capacity: 2,480 pounds per hour, each.
- ...
- (7) One (1) flour tortilla minor ingredients system consisting of:
- ...
- (C) ~~Three-Four (34)~~ flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36 through, **EU-PR-TMI-37A, EU-PR-TMI-37B, and EU-PR-TMI-38**, each equipped with a baghouse, identified as CE-TMI-36 through 38, respectively, and exhausting inside; capacity for EU-PR-TMI-36 through **EU-PR-TMI-38 is 12,000** pounds of minor ingredients per hour, ~~each and capacity for EU-PR-TMI-37 and EU-TMI-38 is 12,000 pounds of minor ingredients per hour~~. **Flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-37A and EU-PR-TMI-37B, and the respective**

dust collectors, identified as CE-TMI-37A and CE-TMI-37B, approved in 2016 to replace EU-PR-TMI-37 and dust collector CE-TMI-37. CE-TMI-36 and CE-TMI-38 dust collectors were replaced in 2016.

- (D) **One (1) flour tortilla minor ingredient scale hopper, identified as EU-PR-TMI-39, constructed in 2008, with a capacity of 1,000 pounds of minor ingredients per hour, equipped with baghouse for particulate control, identified as CE-TMI-39, exhausting indoors.**
- (c) One (1) flatbread production process, constructed in 1998, producing a maximum of 3,750 pounds of flatbread per hour, including:
...
(3) One (1) flatbread minor ingredients system consisting of:
...
(D) One (1) flatbread minor ingredient pre-mix hopper, identified as EU-FBM-04, equipped with a ~~baghouse~~**filter sock**, identified as CE-FBM-04, and exhausting inside, capacity: 15,000 pounds per hour.
- (4) One (1) flatbread mixer, identified as EU-PR-FB-32, equipped with a filter **sock**, identified as CE-FB-32, and exhausting inside, capacity: 2,496 pounds of raw materials, excluding water **and oil**, per hour.
...
(d) One (1) taco shell production process, constructed in 1994/95, producing a maximum of 3,600 pounds of taco shells per hour, including:
...
(4) One (1) taco shell mixer, identified as EU-PR-MA-52, constructed in 2003, equipped with a filter sock, identified as CE-MA-52, and exhausting inside, capacity: 2,679 pounds of raw materials, excluding water **and oil**, per hour.
...
(k) One (1) natural gas-fired hot water heater, identified as EU-PR-WH-02, exhausting through stack EP-WH, constructed in ~~1994~~**2013**, capacity: ~~78.0~~ million British thermal units per hour.
...
~~(e) One (1) flour tortilla process line, added in 2008, including the following:~~
- ~~(1) One (1) flour scale hopper, identified as EU-PR-FL-41, with a processing capacity of 2,300 pounds per hour, equipped with baghouse CE-FL-41, exhausting to the indoors, and constructed in 2008, capacity: 2,300 pounds per hour.~~
- ~~(2) One (1) flour tortilla minor ingredient scale hopper, identified as EU-PR-TMI-39, with a capacity of 176 pounds of minor ingredients per hour, equipped with baghouse CE-TMI-39, exhausting to the indoors, and constructed in 2008, capacity: 176 pounds of minor ingredients per hour.~~
- ~~(3) One (1) flour tortilla mixer, identified as EU-PR-TO-12, equipped with filter sock CE-TO-12, constructed in 2008, capacity: 3,472 pounds of raw materials, excluding water, per hour.~~
- ~~(4) One (1) natural gas-fired oven, identified as EU-PR-TO-01, exhausting to stack EP-TO-01, constructed in 2008, heat input capacity: 1.5 million British thermal units per hour, and throughput capacity: 2,480 pounds of flour tortillas per hour...~~

SECTION D.1

EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) One (1) flour silo system, constructed in 1994/95, **modified in 2008, and approved for modification in 2016**, including:
- (1) Four (4) flour silos, identified as EU-PR-FL-31 through 34, each equipped with a baghouse, identified as CE-FL-31 through 34, respectively, and exhausting to the atmosphere, capacity: 36,000 pounds of flour per hour, each. **Baghouses, identified as CE-FL-31 through CE-FL-33, approved in 2016 for replacement.**
 - (2) Two (2) flour sifters, identified as EU-PR-FL-36 and 37, each equipped with a filter sock, identified as CE-FL-36 and 37, **EU-PR-FL-36 approved in 2016 for replacement**, and exhausting inside, capacity: 24,000 pounds of flour per hour, each.
 - (3) **One (1) flour usebin flatbread, identified as EU-PR-FL-42, constructed in 2008, re-permitted in 2016, equipped with a filter sock, identified as CE-FL-42, and exhausting inside, with a maximum capacity of 24,000 lbs/hr, receiving product from EU-PR-FL-33 and EU-PR-FL-34 and servicing EU-PR-FL-37.**
- (b) One (1) flour tortilla production process, constructed in 1994/95, **modified in 2008, and approved for modification in 2016**, producing a maximum of ~~44,880~~**17,360** pounds of flour tortillas per hour, including:
- ...
- (2) ~~Three-Five (35)~~ flour tortilla scale hoppers, identified as EU-PR-FL-38 through **EU-PR-FL-39A, EU-PR-FL-39B, EU-PR-FL-40, and EU-PR-FL-41**, equipped with a baghouse for particulate control, identified as CE-FL-35, and exhausting inside, **combined** capacity: 15,000 pounds of flour per hour, ~~each~~. **Flour tortilla scale hoppers, identified as EU-PR-FL-39A and EU-PR-FL-39B, approved in 2016 to replace EU-PR-FL-39.**
 - (3) ~~Three-Two (32)~~ flour tortilla mixers, identified as EU-PR-TO-09 through ~~and 11~~, equipped with filter ~~socks~~, identified as CE-TO-09 through ~~and 11~~, respectively, and exhausting inside, capacity: ~~3,472~~**3,514** pounds of raw materials, excluding water and oil, per hour, each.
 - (3a) **Two (2) flour tortilla mixers, identified as EU-PR-TO-10A and EU-PR-TO-10B, approved in 2016 to replace EU-PR-TO-10, capacity: 1,757 pounds of raw materials, excluding water and oil, per hour, each; each equipped with a filter sock for particulate control, identified as CE-TO-10A and CE-TO-10B, respectively, and exhausting indoors.**
 - (3b) **One (1) flour tortilla mixer, identified as EU-PR-TO-12, constructed in 2008, capacity: 1,757 pounds of raw materials, excluding water and oil, per hour, equipped with filter sock for particulate control, identified as CE-TO-12, and exhausting indoors.**
 - (4) ~~Six-Seven (67)~~ sets of pressed flour tortilla forming equipment.
 - (5) ~~Six-Seven (67)~~ natural gas-fired flour tortilla ovens, identified as EU-PR-TO-02-01 through 07 (**EU-PR-TO-01 was constructed in 2008, EU-PR-TO-04 approved in 2016 for replacement, and EU-PR-TO-07 was constructed in 2001**), each with a heat input capacity of 1.5 million British thermal units per hour, and exhausting through stacks EP-TO-2-1 through 7, respectively; capacity: 2,480 pounds per hour, each.
- ...

- (7) One (1) flour tortilla minor ingredients system consisting of:
 - ...
 - (C) ~~Three~~ **Four (34)** flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36, through ~~EU-PR-TMI-37A, EU-PR-TMI-37B, and EU-PR-TMI-38~~, each equipped with a baghouse, identified as CE-TMI-36 through 38, respectively, and exhausting inside; capacity for EU-PR-TMI-36 ~~through EU-PR-TMI-38~~ is ~~12,000~~ **1,000** pounds of minor ingredients per hour, ~~each and capacity for EU-PR-TMI-37 and EU-TMI-38 is 12,000 pounds of minor ingredients per hour.~~ **Flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-37A and EU-PR-TMI-37B, and the respective dust collectors, identified as CE-TMI-37A and CE-TMI-37B, approved in 2016 to replace EU-PR-TMI-37 and dust collector CE-TMI-37. CE-TMI-36 and CE-TMI-38 dust collectors were replaced in 2016.**
 - (D) **One (1) flour tortilla minor ingredient scale hopper, identified as EU-PR-TMI-39, constructed in 2008, with a capacity of 1,000 pounds of minor ingredients per hour, equipped with baghouse for particulate control, identified as CE-TMI-39, exhausting indoors.**
- (c) One (1) flatbread production process, constructed in 1998, producing a maximum of 3,750 pounds of flatbread per hour, including:
 - ...
 - (3) One (1) flatbread minor ingredients system consisting of:
 - ...
 - (D) One (1) flatbread minor ingredient pre-mix hopper, identified as EU-FBM-04, equipped with a ~~baghouse~~ **filter sock**, identified as CE-FBM-04, and exhausting inside, capacity: 15,000 pounds per hour.
 - (4) One (1) flatbread mixer, identified as EU-PR-FB-32, equipped with a filter **sock**, identified as CE-FB-32, and exhausting inside, capacity: 2,496 pounds of raw materials, excluding water **and oil**, per hour.
 - ...
- (d) One (1) taco shell production process, constructed in 1994/95, producing a maximum of 3,600 pounds of taco shells per hour, including:
 - ...
 - (4) One (1) taco shell mixer, identified as EU-PR-MA-52, constructed in 2003, equipped with a filter sock, identified as CE-MA-52, and exhausting inside, capacity: 2,679 pounds of raw materials, excluding water **and oil**, per hour.
 - ...
- (k) One (1) natural gas-fired hot water heater, identified as EU-PR-WH-02, exhausting through stack EP-WH, constructed in ~~1994~~ **2013**, capacity: ~~78.0~~ million British thermal units per hour.
 - ...
- ~~(e) One (1) flour tortilla process line, added in 2008, including the following:~~
 - ~~(1) One (1) flour scale hopper, identified as EU-PR-FL-41, with a processing capacity of 2,300 pounds per hour, equipped with baghouse CE FL 41, exhausting to the indoors, and constructed in 2008, capacity: 2,300 pounds per hour.~~

(2) — One (1) flour tortilla minor ingredient scale hopper, identified as EU-PR-TMI-39, with a capacity of 176 pounds of minor ingredients per hour, equipped with baghouse CE-TMI-39, exhausting to the indoors, and constructed in 2008, capacity: 176 pounds of minor ingredients per hour.

(3) — One (1) flour tortilla mixer, identified as EU-PR-TO-12, equipped with filter sock CE-TO-12, constructed in 2008, capacity: 3,472 pounds of raw materials, excluding water, per hour.

(4) — One (1) natural gas-fired oven, identified as EU-PR-TO-01, exhausting to stack EP-TO-01, constructed in 2008, heat input capacity: 1.5 million British thermal units per hour, and throughput capacity: 2,480 pounds of flour tortillas per hour.

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

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

D.1.1 Particulate [326 IAC 6-3-2]

...

Unit Description	Unit ID	Control Device	Maximum Process Weight Rate (tons/hr)	326 IAC 6-3-2 Limit (lbs/hr)
...	EU-PR-FL-37	CE-FL-37	12.0	21.7
one (1) flour tortilla usebin	EU-PR-FL-35	CE-FL-35	19.5	30.0
three (3) flour tortilla scale hoppers	EU-PR-FL-38/39/40	CE-FL-35	19.5	30.0
Flour Tortilla Production: one (1) flour tortilla usebin	EU-PR-FL-35	CE-FL-35	17.64	28.05
Flour Tortilla Production: five (5) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41			
One (1) flour usebin for Flatbread	EU-PR-FL-42	CE-FL-42	12.0	21.67
one (1) flour tortilla mixer	EU-PR-TO-09	CE-TO-09	1.741.76	5.935.98
one (1) flour tortilla mixer	EU-PR-TO-10A	CE-TO-10A	1.740.88	5.933.76
one (1) flour tortilla mixer	EU-PR-TO-10B	CE-TO-10B	0.88	3.76
one (1) flour tortilla mixer	EU-PR-TO-11	CE-TO-11	1.741.76	5.935.98
one (1) flour tortilla mixer	EU-PR-TO-12	CE-TO-12	0.88	3.76
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-36	CE-TMI-36	6.00.5	13.62.58
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-37A	CE-TMI-37A	6.00.5	13.62.58
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-37B	CE-TMI-37B	0.5	2.58
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-38	CE-TMI-38	6.00.5	13.62.58
...				

...

D.1.2 FESOP and PSD Minor Limits [326 IAC 2-2][326 IAC 2-8-4]

- ...
 (a) The Permittee shall comply with the following throughput rate limits:

Unit Description	Unit ID	Throughput Limits (tons per twelve (12) consecutive month period)
four (4) flour silos	EU-PR-FL-31/32/33/34	57,74745,896
two (2) flour sifters	EU-PR-FL-36/37	57,74745,896
one (1) flour usebin for Flatbread	EU-PR-FL-42	8,365
one (1) flour tortilla usebin	EU-PR-FL-35	49,381
three-five (35) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41	37,534 37,534
three-five (35) flour tortilla mixers	EU-PR-TO-09/10A/10B/11/12	45,62253,869
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	1,3174,488
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	3,2844,488
one (1) flour tortilla minor ingredient scale hopper	EU-PR-TMI-36	1,095
two-five (25) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36/37A/37B/38/39	2,1894,488
...		

- (b) The Permittee shall comply with the following emission limitations for PM, PM10, and PM2.5 emissions:

Unit Description	Unit ID	PM/PM10/PM2.5 Emission Limit (lbs/ton)
four (4) flour silos	EU-PR-FL-31	0.101 0.008
	EU-PR-FL-32	0.008
	EU-PR-FL-33	0.008
	EU-PR-FL-34	0.020
two (2) flour sifters	EU-PR-FL-36/37	0.019 0.007 (each)
one (1) flour usebin for Flatbread	EU-PR-FL-42	0.051
one (1) flour tortilla usebin	EU-PR-FL-35	0.076
three-five (35) flour tortilla scale hoppers	EU-PR-FL-38/39A/39B/40/41	0.203 0.127
three-five (35) flour tortilla mixers	EU-PR-TO-09	0.484 0.138
	EU-PR-TO-10A	0.069 0.069
	EU-PR-TO-10B	0.069 0.069
	EU-PR-TO-11	0.138 0.138
	EU-PR-TO-12	0.069 0.069
thirty-eight (38) flour tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	0.087
two (2) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	0.087
one (1) flour tortilla minor ingredient scale	EU-PR-TMI-36	0.603

Unit Description	Unit ID	PM/PM10/PM2.5 Emission Limit (lbs/ton)
hopper		
two five (25) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36	0.60 0.058
	EU-PR-TMI-37A	0.058
	EU-PR-TMI-37B	0.058
	EU-PR-TMI-38	0.058
	EU-PR-TMI-39	0.147
...		
three (3) taco shell fryers	EU-PR-TS-20/23/26	0.800 (each)
...		
two (2) whole corn silos	EU-PR-CR-40/41	0.273 (each)
...		

...

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

Compliance Determination Requirements [326 IAC 2-8-4(1)]

D.1.4 Particulate Control

...

Unit Description	Unit ID	Control Device ID
...		
one (1) flour tortilla usebin;	EU-PR-FL-35;	CE-FL-35
three five (35) flour scale hoppers	EU-PR-FL-38/39 A/39B/40/41	
one (1) flour usebin for Flatbread	EU-PR-FL-42	CE-FL-42
four five (45) flour tortilla mixers	EU-PR-TO-09/10 A/10B/11/12	CE-TO-09/10 A/10B/11/12
four five (45) flour tortilla minor ingredient scale hoppers	EU-PR-TMI-36/37 A/37B/38/39	CE-TMI-36/37 A/37B/38/39
...		

...

D.1.6 Baghouse Parametric Monitoring

(a) ...

Emission Unit	Stack/Vent ID
...	
EU-PR-FL-36/37	CE-FL-36/37
EU-PR-TMI-36/37 A/37B/38/39	CE-TMI-36/37 A/37B/38/39
...	
EU-FBM-04	GE-FBM-04
...	
EU-PR-FL-35/41	CE-FL-35/41
EU-PR-FL-35	CE-FL-35
EU-PR-FL-38/39 A/39B/40/41	
EU-PR- MA -55/56	CE-MA-55

...

D.1.7 Broken or Failed Bag Detection

- ...
- (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).
- ...

D.1.8 Filter Inspections

An inspection shall be performed each calendar quarter of all filters controlling the emission units listed below.

Emission Unit ID	Filter ID
EU-PR-FL-36 and 37	CE-FL-36 and 37
EU-PR-FL-42	CE-FL-42
EU-PR-TO-09 and 11	CE-TO-09 and 11
EU-PR-TO-10A and 10B	CE-TO-10A and 10B
EU-PR-TO-12	CE-TO-12
EU-PR-TMI-78 and 79	CE-TMI-78(A-D) and CE-TMI-79(A-D)
EU-FBM-04	CE-FBM-04
EU-PR-FB-32	CE-FB-32
EU-PR-MA-52	CE-MA-52
EU-PR-SA-01	EP-SA-01
EU-PR-MA-57	CE-MA-57
EU-PR-MTO-02	CE-MTO-02

All defective filters shall be replaced.

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

D.1.89 Record Keeping Requirements

- ...
- (c) **To document the compliance status with Condition D.1.8, the Permittee shall maintain records of the results of the inspections required by Condition D.1.8.**
- (ed) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligation with regard to the records required by this condition.

D.1.910 Reporting Requirements

...

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

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

...

(k) One (1) natural gas-fired hot water heater, identified as EU-PR-WH-02, exhausting through stack EP-WH, constructed in 1994, capacity: 78.0 million British thermal units per hour.

...

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

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

D.2.1 Particulate Emissions [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emissions Limitations for Sources of Indirect Heating), the particulate emissions from the indirect heating units listed in the table below, shall be limited to Pt pounds per MMBtu/heat input, as follows:

Indirect Heating Units Which Began Operation after September 21, 1983							
Facility	Construction Year	Removal Date	Operating Capacity (MMBtu/hr)	Q (MMBtu/hr)	Calculated Pt (lb/MMBtu)	Particulate Limitation, (Pt) (lb/MMBtu)	PM PTE based on AP-42 (lb/MMBtu)
Boiler (EU-PR-BR-01)	1994	-	6.30	26.78	0.46	0.46	0.002
Heaters (EU-PR-ACRTU-02 through 19)	1994	2013	7.00	26.78	0.46	0.46	0.002
Heater (EU-PR-WH-02)	1994	-	4.28	26.78	0.46	0.46	0.002
Exchangers (EU-PR-TS-21/24/27)	1994	-	6.30	26.78	0.46	0.46	0.002
Exchanger (EU-PR-CL-15)	1994	-	2.90	26.78	0.46	0.46	0.002
Heater (EU-PR-WH-02)	2013	-	8.00	27.78	0.46	0.46	0.002
Where: Q =		Includes the capacity (MMBtu/hr) of the new unit(s) and the capacities for those unit(s) which were in operation at the source at the time the new unit(s) was constructed.					

Emission Unit	Unit ID	Pt (lb/MMBtu)
Boiler	EU-PR-BR-01	0.46
Heaters	EU-PR-ACRTU-02 through EU-PR-ACRTU-19	0.46
Hot water heater	EU-PR-WH-02	0.46
Heat exchangers	EU-PR-TS-21, EU-PR-TS-24, and EU-PR-TS-27	0.46
Heat exchanger	EU-PR-CL-15	0.46

...

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)

EMERGENCY OCCURRENCE REPORT

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP Permit No.: F075-26199-00022

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) **daytime** 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-~~78-1612~~

...

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Four (4) flour silos, identified as EU-PR-FL-31 through 34
Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
Limit: ~~45,896~~**57,747** tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

...

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Two (2) flour sifters, identified as EU-PR-FL-36 and 37
Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
Limit: ~~57,747~~**45,896** tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

...

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
 FESOP No.: F075-26199-00022
 Facility: One (1) flour tortilla usebin, identified as EU-PR-FL-35
 Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
 Limit: 37,531 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total flour input (tons)	Total flour input (tons)	Total flour input (tons)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

...

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
 FESOP No.: F075-26199-00022
 Facility: **One (1) flour tortilla usebin, identified as EU-PR-FL-35 and**
~~Three Five (35)~~ flour tortilla scale hoppers, identified as EU-PR-FL-38/**39A/39B/40/41**
 through 40
 Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
 Limit: ~~37,531~~**49,381** tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

...

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
 FESOP No.: F075-26199-00022
 Facility: One (1) flour usebin for Flatbread, identified as EU-PR-FL-42
 Parameter: Total flour input; PM, PM₁₀, and PM_{2.5} emissions
 Limit: 8,365 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total flour input (tons)	Total flour input (tons)	Total flour input (tons)
	This Month	Previous 11 Months	12 Month Total

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

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

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
 FESOP No.: F075-26199-00022
 Facility: ~~Three~~ **Five (35)** flour tortilla mixers, identified as EU-PR-TO-09/~~10A/10B~~/~~through 11/12~~
 Parameter: Total raw materials, excluding water **and oil**, input; PM, PM₁₀, and PM_{2.5} emissions
 Limit: ~~45,622~~ **53,869** tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

...

Month	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)
	This Month	Previous 11 Months	12 Month Total

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
 FESOP No.: F075-26199-00022
 Facility: Thirty-eight (38) flour tortilla minor ingredient usebins, identified as EU-PR-TMI-40 through 77
 Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
 Limit: ~~4,317~~ **4,488** tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Two (2) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-78 and 79
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: ~~3,284,488~~ **4,488** tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: ~~One~~ **Five (45)** flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36/~~37A/37B/38/39~~
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: ~~1,095,488~~ **4,488** tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
 FESOP No.: F075-26199-00022
 Facility: One (1) flatbread mixer, identified as EU-PR-FB-32
 Parameter: Total raw materials, excluding water **and oil**, input; PM, PM₁₀, and PM_{2.5} emissions
 Limit: 10,931 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)
	This Month	Previous 11 Months	12 Month Total

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
 FESOP No.: F075-26199-00022
 Facility: One (1) taco shell mixer, identified as EU-PR-MA-52
 Parameter: Total raw materials, excluding water **and oil**, input; PM, PM₁₀, and PM_{2.5} emissions
 Limit: 12,252 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)	Total raw materials (excluding water and oil) input (tons)
	This Month	Previous 11 Months	12 Month Total

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

FESOP Quarterly Report

Source Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Facility: Two (2) flour tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-37 and 38
Parameter: Total ingredients input; PM, PM₁₀, and PM_{2.5} emissions
Limit: 2,189 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

QUARTER: _____ YEAR: _____

Month	Total ingredients input (tons)	Total ingredients input (tons)	Total ingredients input (tons)
	This Month	Previous 11 Months	12 Month Total

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

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

...

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on November 13, 2015.

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Significant Permit Revision No. 075-36488-00022. The staff recommends to the Commissioner that this FESOP Significant Permit Revision be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Katrina Gilbank 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) 234-9526 or toll free at 1-800-451-6027 extension 4-9526.
- (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: Emission Calculations
Entire Source Summary - Unlimited/Uncontrolled

Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor

Unrestricted PTE (ton/yr)											
Emission Source	Emission Source ID	PM	PM ₁₀	PM _{2.5}	SO ₂	NOx	VOC	CO	Total HAPs	Worst HAP	
Flour System (4 silos, 2 sifters, 1 usebin)	EU-PR-FL-31/32/33/34; EU-PR-FL-36/37; EU-PR-FL-42	171.55	171.55	171.55	0	0	0	0	0	-	
Flour Tortilla Minor Ingredients	EU-PR-TMI-36/37/38/39	77.11	77.11	77.11	0	0	0	0	0	-	
Flatbread	EU-PR-FB-30 and 31	20.65	20.65	20.65	0	0	0	0	0	-	
Flatbread Minor Ingredients	EU-PR-FBM-01/02/03/04	34.45	34.45	34.45	0	0	0	0	0	-	
Taco Shells	EU-PR-MA-45; EU-PR-MA-53	13.74	13.74	13.74	0	0	0	0	0	-	
Whole Corn Receiving System	EU-PR-CR-39/40/41/42	234.27	234.27	234.27	0	0	0	0	0	-	
Salt	EU-PR-SA-01	2.82	2.82	2.82	0	0	0	0	0	-	
Flour Tortilla Production	EU-PR-TO-09/10A/10B/11/12; EU-PR-FL- 35; EU-PR-FL 38/39A/39B/40/41	229.21	229.21	229.21	0	0	0	0	0	-	
Flatbread Production (mixer)	EU-PR-FB-32	12.03	12.03	12.03	0	0	0	0	0	-	
Taco Shell Production	EU-PR-MA-52	0.36	0.36	0.36	0	0	0	0	0	-	
Flour Tortilla Production	EU-PR-TMI-40 through 77; EU-PR-TMI-78/79	0.57	0.57	0.57	0	0	0	0	0	-	
Flatbread Production (oven)	EU-PR-FB-28	0	0	0	0	0	8.21	0	0	-	
Taco Shell Production - three (3) fryers	EU-PR-TS-20, 23 and 26	5.68	5.68	5.68	0	0	0.60	0	0.60	0.60	Hexane
Whole Corn Cooking Process	Multiple Units. See the second Production PTE Spreadsheet.	0	0	0	0	0	0	0	0	-	
Masa Corn Chip Production	EU-PR-CLF-2, EU-PR-CLAC-2	7.36	7.36	7.36	0	0	0.78	0	0.78	0.78	Hexane
Masa Handling	EU-PR-MA-54/55/56/57	3.06	1.28	1.28	0	0	0	0	0	-	
Masa Tortilla Line	EU-PR-MTO-00, 01, & 02	0.25	0.11	0.11	0	0	0	0	0	-	
Whole Corn Baked Chip Line*	Multiple existing units.	0	0	0	0	0	0	0	0	-	
Natural Gas Combustion	Multiple Units. See Natural Gas Emissions Spreadsheet.	0.55	2.22	2.22	0.17	29.16	1.60	24.49	0.55	0.52	Hexane
Totals (tons/yr)		813.65	813.39	813.39	0.17	29.16	11.20	24.49	1.94	1.91	Hexane

Notes

* The Whole Corn Baked Chip Production Line makes use of several existing processes to form a new product, as follows: the whole corn storage and handling operation, the whole corn cooking process, the corn masa baked chip forming process, and the corn masa baked chip cooling, packing, and shipping operation. Finally, the whole corn chips will be baked in the new corn masa tortilla baking oven (EU-PR-MTO-03), and/or the existing corn masa baked chip oven (EU-PR-BC-01).

**Appendix A: Emission Calculations
Entire Source Summary - Limited/Uncontrolled**

**Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor**

Potential To Emit of the Entire Source After Issuance of FESOP (tons/year)										
Emission Source	Emission Source ID	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	VOC	CO	Total HAPs	Worst HAP
Flour System (4 silos; 2 sifters; 1 usebin)*	EU-PR-FL-31/32/33/34; EU-PR-FL-36/37; EU-PR-FL-42	1.89	1.89	1.89	0	0	0	0	0	-
Flour Tortilla Minor Ingredients*	EU-PR-TMI-36/37/38/39	0.13	0.13	0.13	0	0	0	0	0	-
Flatbread*	EU-PR-FB-30 and 31	0.45	0.45	0.45	0	0	0	0	0	-
Flatbread Minor Ingredients*	EU-PR-FBM-01/02/03/04	0.74	0.74	0.74	0	0	0	0	0	-
Taco Shells*	EU-PR-MA-45; EU-PR-MA-53	0.30	0.30	0.30	0	0	0	0	0	-
Whole Corn Receiving System*	EU-PR-CR-39/40/41/42	10.22	10.22	10.22	0	0	0	0	0	-
Salt*	EU-PR-SA-01	0.62	0.62	0.62	0	0	0	0	0	-
Flour Tortilla Production**	EU-PR-TO-09/10A/10B/11/12; EU-PR-FL-35; EU-PR-FL-38/39A/39B/40/41	14.91	14.91	14.91	0	0	0	0	0	-
Flatbread Production (mixer)**	EU-PR-FB-32	2.65	2.65	2.65	0	0	0	0	0	-
Taco Shell Production**	EU-PR-MA-52	0.079	0.079	0.079	0	0	0	0	0	-
Flour Tortilla Production**	EU-PR-TMI-40 through 77; EU-PR-TMI-78/79	0.39	0.39	0.39	0	0	0	0	0	-
Flatbread Production (oven)**	EU-PR-FB-28	0	0	0	0	0	8.21	0	0	-
Taco Shell Production - three (3) fryers**	EU-PR-TS-20, 23 and 26	5.68	5.68	5.68	0	0	0.60	0	0.60	0.60 Hexane
Whole Corn Cooking Process	Multiple Units. See the second Production PTE page.	0	0	0	0	0	0	0	0	-
Masa Corn Chip Production**	EU-PR-CLF-2, EU-PR-CLAC-2	7.36	7.36	7.36	0	0	0.78	0	0.78	0.78 Hexane
Masa Handling	EU-PR-MA-54/55/56/57	0.11	0.05	0.05	0	0	0	0	0	-
Masa Tortilla Line	EU-PR-MTO-00, 01, & 02	0.25	0.11	0.11	0	0	0	0	0	-
Whole Corn Tortilla Line***	Multiple existing units.	0	0	0	0	0	0	0	0	-
Natural Gas Combustion	See Natural Gas Emissions Spreadsheet	0.55	2.22	2.22	0.17	29.16	1.60	24.49	0.55	0.52 Hexane
Totals (tons/yr)		46.32	47.78	47.78	0.17	29.16	11.20	24.49	1.94	1.91 Hexane

Notes

* Limited PTE based on the use of a control device to comply with 326 IAC 2-2 (PSD) and 326 IAC 2-8 (FESOP).

**Limited PTE based upon annual production limit and lb/ton emission limits to comply with 326 IAC 2-2 (PSD) and 326 IAC 2-8 (FESOP).

The Whole Corn Baked Chip Production Line makes use of several existing processes to form a new product, as follows: the whole corn storage and handling operation, the whole corn cooking process, the corn masa baked chip forming process, and the corn masa baked chip cooling, packing, and shipping operation. Finally, the whole corn chips will be baked in the new corn masa tortilla baking oven (EU-PR-MTO-03), and/or the existing corn masa baked chip oven (EU-PR-BC-01).

Appendix A: Emission Calculations
Revision Summary - Unlimited/Uncontrolled

Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor

		Unrestricted PTE (ton/yr)									
Emission Source	Emission ID	PM	PM ₁₀	PM _{2.5}	SO ₂	NOx	VOC	CO	Total HAPs	Worst HAP	
Flour System	EU-PR-FL-36	19.52	19.52	19.52	0	0	0	0	0	-	
Flour Tortilla Production	EU-PR-TO-10A	8.47	8.47	8.47	0	0	0	0	0	-	
	EU-PR-TO-10B	8.47	8.47	8.47	0	0	0	0	0	-	
	EU-PR-FL-39A	7.76	7.76	7.76	0	0	0	0	0	-	
	EU-PR-FL-39B	7.76	7.76	7.76	0	0	0	0	0	-	
Flour Tortilla Minor Ingredients	EU-PR-TMI-37A	11.77	11.77	11.77	0	0	0	0	0	-	
	EU-PR-TMI-37B	11.77	11.77	11.77	0	0	0	0	0	-	
Natural Gas Combustion	One (1) tortilla oven (EU-PR-TO-04)	0.01	0.05	0.05	3.94E-03	0.66	0.04	0.55	1.24E-02	1.18E-02 Hexane	
Totals		75.53	75.57	75.57	0.00	0.66	0.04	0.55	0.01	0.01 Hexane	
Minor Permit Revision Threshold		5	5	5	10	10	10	25	-	-	
Significant Permit Threshold		25	25	25	25	25	25	100	25	10	

Constructed 1994/1995		Unrestricted PTE (ton/yr)									
Emission Source	Emission ID	PM	PM ₁₀	PM _{2.5}	SO ₂	NOx	VOC	CO	Total HAPs	Worst HAP	
One (1) flour usebin for Flatbread	EU-PR-FL-42	20.65	20.65	20.65	0	0	0	0	0	-	
Totals		20.65	20.65	20.65	0.00	0.00	0.00	0.00	0.00	-	
Minor Permit Revision Threshold		5	5	5	10	10	10	25	-	-	
Significant Permit Threshold		25	25	25	25	25	25	100	25	10	

Replaced 2013		Unrestricted PTE (ton/yr)									
Emission Source	Emission ID	PM	PM ₁₀	PM _{2.5}	SO ₂	NOx	VOC	CO	Total HAPs	Worst HAP	
One (1) hot water heater (EU-PR-WH-02)	EU-PR-WH-02	0.01	0.05	0.05	0.02	3.50	0.19	2.94	6.61E-02	6.31E-02 Hexane	
Totals		0.01	0.05	0.05	0.02	3.50	0.19	2.94	0.07	-	
Minor Permit Revision Threshold		5	5	5	10	10	10	25	-	-	
Significant Permit Threshold		25	25	25	25	25	25	100	25	10	

Appendix A: Emission Calculations
Ingredients

Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36458-00022
Reviewer: Curtis Taylor

Description	Unit ID	Unit ID No.	Control ID	Control Efficiency (%)	Grain Loading per Actual Cubic Foot of Outlet Air (grains/cub. ft.)	Gas or Air Flow Rate (acfm.)	PM Emission Rate before Controls (lb/hr)	PM Emission Rate before Controls (tons/yr)	PM Emission Rate after Controls (lb/hr)	PM Emission Rate after Controls (tons/yr)	Maximum Hourly Throughput Capacity (lbs/hr)	Allowable Particulate based on 326 IAC 6-3-2 (lbs/hr)	Limited Annual Input Capacity (tons/yr)	Limited PM 326 IAC 2-2 (lbs/ton)	Limited PM10/PM2.5 326 IAC 2-8 (lbs/ton)	Limited PTE PM 326 IAC 2-2 (tons/yr)	Limited PTE PM10/PM2.5 326 IAC 2-8 (tons/yr)
Flour System																	
One (1) flour silo	EU-PR-FL-31	EU-PR-FL-31	CE-FL-31 (replaced 2016)	99.0%	0.005	1053	4.51	19.77	0.0451	0.198	36,000	28.4	57,747	0.008	0.008	0.22	0.22
One (1) flour silo	EU-PR-FL-32	EU-PR-FL-32	CE-FL-32 (replaced 2016)	99.0%	0.005	1053	4.51	19.77	0.0451	0.198	36,000	28.4		0.008	0.008	0.22	0.22
One (1) flour silo	EU-PR-FL-33	EU-PR-FL-33	CE-FL-33 (replaced 2016)	99.0%	0.005	1053	4.51	19.77	0.0451	0.198	36,000	28.4		0.008	0.008	0.22	0.22
One (1) flour silo	EU-PR-FL-34	EU-PR-FL-34	CE-FL-34	99.0%	0.0200	700	12.00	52.56	0.1200	0.526	36,000	28.4	8,365	0.020	0.020	0.58	0.58
One (1) flour usebin for Flatbread	EU-PR-FL-42	EU-PR-FL-42	CE-FL-42	99.0%	0.0200	275	4.71	20.65	0.0471	0.206	24,000	21.67		0.054	0.054	0.23	0.23
One (1) flour sifter (replaced 2016)	EU-PR-FL-36	EU-PR-FL-36	CE-FL-36	99.0%	0.0200	260	4.46	19.52	0.0446	0.195	24,000	21.7	57,747	0.007	0.007	0.21	0.21
One (1) flour sifter	EU-PR-FL-37	EU-PR-FL-37	CE-FL-37	99.0%	0.0200	260	4.46	19.52	0.0446	0.195	24,000	21.7		0.007	0.007	0.21	0.21
Flour Tortilla Minor Ingredients																	
ingredients scale hopper	EU-PR-TMI-36	EU-PR-TMI-36	CE-TMI-36 (replaced 2016)	99.0%	0.005	627	2.69	11.77	0.0269	0.118	1,000	2.58	4,488	0.058	0.058	0.129	0.129
One (1) tortilla minor ingredients scale hopper (replaced 2016)	EU-PR-TMI-37A	EU-PR-TMI-37A	CE-TMI-37A	99.0%	0.005	627	2.69	11.77	0.0269	0.118	1,000	2.58		0.058	0.058	0.129	0.129
One (1) tortilla minor ingredients scale hopper (replaced 2016)	EU-PR-TMI-37B	EU-PR-TMI-37B	CE-TMI-37B	99.0%	0.005	627	2.69	11.77	0.0269	0.118	1,000	2.58		0.058	0.058	0.129	0.129
ingredients scale hopper	EU-PR-TMI-38	EU-PR-TMI-38	CE-TMI-38 (replaced 2016)	99.0%	0.005	627	2.69	11.77	0.0269	0.118	1,000	2.58		0.058	0.058	0.129	0.129
ingredients scale hopper (constructed 2008)	EU-PR-TMI-39	EU-PR-TMI-39	CE-TMI-39	99.0%	0.0200	400	6.86	30.03	0.0686	0.300	1,000	2.58		0.147	0.147	0.330	0.330
Flatbread																	
One (1) flatbread flour usebin and one (1) flatbread scale hopper	EU-PR-FB-30 and 31	EU-PR-FB-30/31	CE-FB-30	99.0%	0.0200	275	4.71	20.65	0.0471	0.206 scale hopper =	39,000 above total for both	30.0 above total for both	8,365 8,365	0.0543 0.0543	0.0543 0.0543	0.227 0.227	0.227 0.227
Flatbread Minor Ingredients																	
One (1) flatbread minor ingredient hand dump hopper & One (1) flatbread minor ingredient usebin	EU-PR-FBM-01 and EU-PR-FBM-02	EU-PR-FBM-01/02	CE-FBM-02	99.0%	0.0200	275	4.71	20.65	0.0471	0.206 usebin =	2,000 above total for both	4.10 above total for both	1,420 1,420	0.320 0.320	0.320 0.320	0.227 0.227	0.227 0.227
ingredients scale hopper	EU-FBM-03	EU-PR-FBM-03	CE-FBM-03	80.0%	0.0200	175	0.15	0.66	0.0300	0.131	15,000	0.551	1,420	0.204	0.204	0.145	0.145
One (1) flatbread minor ingredients pre-mix hopper	EU-FBM-04	EU-PR-FBM-04	CE-FBM-04	99.0%	0.0200	175	3.00	13.14	0.0300	0.131	15,000	15.8	1,420	0.204	0.204	0.145	0.145
Taco Shells																	
One (1) primary masa usebin (including two (2) masa totes) and one (1) primary masa scale hopper	EU-PR-MA-45 and EU-PR-MA-53	EU-PR-MA-45/53	CE-MA-45	99.0%	0.0200	183	3.14	13.74	0.0314	0.137 scale hopper =	21,000 above total for both	19.8 above total for both	12,012 above total for both	0.025 0.025	0.025 0.025	0.151 0.151	0.151 0.151
Whole Corn Receiving System																	
Whole corn truck unloading	EU-PR-CR-39	EU-PR-CR-39	CE-CR-39	99.0%	0.0200	1300	22.29	97.61	0.2229	0.976	30,000	25.2	24,528	0.233	0.233	2.86	2.86
One (1) whole corn silo	EU-PR-CR-40	EU-PR-CR-40	CE-CR-40	99.0%	0.0200	760	13.03	57.07	0.1303	0.571	30,000	25.2	24,528	0.273	0.273	3.35	3.35
One (1) whole corn silo	EU-PR-CR-41	EU-PR-CR-41	CE-CR-41	99.0%	0.0200	760	13.03	57.07	0.1303	0.571	30,000	25.2	24,528	0.273	0.273	3.35	3.35
One (1) whole corn scale hopper	EU-PR-CR-42	EU-PR-CR-42	CE-CR-42	99.0%	0.0200	300	5.14	22.53	0.0514	0.225	9,000	11.2	24,528	0.054	0.054	0.662	0.662
Salt																	
One (1) salt tank	EU-PR-SA-01	EU-PR-SA-01	CE-SA-01	80.0%	0.0200	750	0.64	2.82	0.1286	0.563	25,000	22.3	109,500	0.0113	0.0113	0.619	0.619
Totals							127	554.58	1.42	6.21	371						

Note(s)

The emissions on this page were estimated based on the control device specifications.
PM = PM10 = PM2.5

Methodology

Emission Rate in lbs/hr (after controls) = (grains/cub. ft.) (sq. ft.) (cub. ft./min.)/sq. ft.) (60 min/hr) (lb/7000 grains)
Emission Rate in tons/yr = (lbs/hr) (8760 hr/yr) (ton/2000 lb)
Emission Rate in lbs/hr (before controls) = Emission Rate (after controls): (lbs/hr)/(1-control efficiency)
Emission Rate in tons/yr = (lbs/hr) (8760 hr/yr) (ton/2000 lb)
Process weight rate (tons/hr) = Maximum hourly capacity (lbs/hr) / 2,000 lbs/ton
Allowable Particulate Emissions based on 326 IAC 6-3-2 = 4.10(Process weight rate (tons/hr))/0.67
Allowable PM based on 326 IAC 2-2 (lbs/ton) = [(Limited PTE PM 326 IAC 2-2 (tons/yr))/2000 lbs/ton] / Limited Annual Input Capacity (tons/yr)
Allowable PM10 based on 326 IAC 2-8 (lbs/ton) = [(Limited PTE PM10 326 IAC 2-8 (tons/yr))/2000 lbs/ton] / Limited Annual Input Capacity (tons/yr)
Limited PM (tons/yr) based on 326 IAC 2-2 = [(Potential to emit PM after controls (tons/yr)) * (10% safety factor) * (# units controlled by control device)]
Limited PM10 (tons/yr) based on 326 IAC 2-8 = [Limited PM (tons/yr) based on 326 IAC 2-2]

**Appendix A: Emission Calculations
Production PTE**

Company Name: Tyson Mexican Original, Inc.
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
 FESOP No.: F075-26199-00022
 Significant Permit Revision No.: 075-36488-00022
 Reviewer: Curtis Taylor

Process	Unit ID	Control ID	Maximum Capacity (lbs/hr)	Emission factors		Potential to emit				Control Efficiency (%)	Potential to emit after controls				Allowable Particulate based on 326 IAC 6-3-2 (lbs/hr)	Limited Annual Input Capacity (tons/yr)	Limited PM 326 IAC 2-2 (lbs/ton)	PM-10/PM2.5 326 IAC 2-8 (lbs/ton)	Limited PTE PM 326 IAC 2-2 (tons/yr)	PM-10/PM2.5 326 IAC 2-8 (tons/yr)
				PM (lbs/ton)	PM10=PM2.5 (lbs/ton)	PM (lbs/hr)	PM10=PM2.5 (lbs/hr)	PM (tons/yr)	PM10=PM2.5 (tons/yr)		PM (lbs/hr)	PM10=PM2.5 (lbs/hr)	PM (tons/yr)	PM10=PM2.5 (tons/yr)						
Flour Tortilla Production																				
One (1) tortilla mixer*	EU-PR-TO-09	CE-TO-09	3,514	2.2	2.2	3.865	3.865	16.93	16.93	80.0%	0.773	0.773	3.39	3.39	5.98	53,869	0.138	0.138	3.72	3.72
One (1) tortilla mixer*	EU-PR-TO-10A	CE-TO-10A	1,757	2.2	2.2	1.933	1.933	8.47	8.47	80.0%	0.387	0.387	1.69	1.69	3.76		0.069	0.069	1.86	1.86
One (1) tortilla mixer*	EU-PR-TO-10B	CE-TO-10B	1,757	2.2	2.2	1.933	1.933	8.47	8.47	80.0%	0.387	0.387	1.69	1.69	3.76		0.069	0.069	1.86	1.86
One (1) tortilla mixer*	EU-PR-TO-11	CE-TO-11	3,514	2.2	2.2	3.865	3.865	16.93	16.93	80.0%	0.773	0.773	3.39	3.39	5.98		0.138	0.138	3.72	3.72
One (1) tortilla mixer*	EU-PR-TO-12 (constructed '08)	CE-TO-12	1,757	2.2	2.2	1.933	1.933	8.47	8.47	80.0%	0.387	0.387	1.69	1.69	3.76	0.069	0.069	1.86	1.86	
One (1) tortilla flour usebin*	EU-PR-FL-35	CE-FL-35	24,000	2.2	2.2	26.4	26.4	115.63	115.63	99.0%	0.264	0.264	1.16	1.16	28.05	49,381	0.076	0.076	1.87	1.87
	EU-PR-FL-38		3,221	2.2	2.2	3.5	3.5	15.52	15.52	99.0%	0.035	0.035	0.16	0.16						
	EU-PR-FL-39A		1,611	2.2	2.2	1.8	1.8	7.76	7.76	99.0%	0.018	0.018	0.08	0.08						
	EU-PR-FL-39B		1,611	2.2	2.2	1.8	1.8	7.76	7.76	99.0%	0.018	0.018	0.08	0.08						
	EU-PR-FL-40		3,221	2.2	2.2	3.5	3.5	15.52	15.52	99.0%	0.035	0.035	0.16	0.16						
	EU-PR-FL-41 (constructed '08)		1,611	2.2	2.2	1.8	1.8	7.76	7.76	99.0%	0.018	0.018	0.08	0.08						
Flatbread Production																				
One (1) flatbread mixer*	EU-PR-FB-32	CE-FB-32	2,496	2.2	2.2	2.746	2.746	12.03	12.03	80.0%	0.549	0.549	2.41	2.41	4.76	10,931	0.484	0.484	2.65	2.65
Taco Shell Production																				
One (1) taco shell mixer**	EU-PR-MA-52	CE-MA-52	2,679	0.061	0.061	0.082	0.082	0.36	0.36	80.0%	0.016	0.016	0.07	0.07	0.551	12,252	0.013	0.013	0.079	0.079
Totals						55.2	55.2	241.60	241.60		3.66	3.66	16.03	16.03					17.63	17.63

Notes
 *Emission factors for flour are the emission factors for lime manufacturing from AP-42 11.17-4, which are conservative for this process according to the information provided by the applicant.
 **Emission factors for the taco shell mixer are from AP-42, Chapter 9.9.1-1, since masa is more like corn than flour.

Methodology
 Capacity (tons/yr) = Maximum capacity (tons/hr) x 8,760 hrs/yr / 2,000 lbs/ton
 Potential to emit (tons/yr) = Capacity (tons/yr) x Emission factor (lbs/ton)
 Allowable Particulate Emissions based on 326 IAC 6-3-2 = 4.10(Process Weight Rate)^0.67
 Allowable (lbs/ton) = (((Potential to emit after control (tons/yr) * 1.1 (adding 10% safety factor)) * (2000 lbs/ton)) / (Limited Annual Input Capacity (tons/yr))
 Allowable (lbs/ton) (multiple units with same control device) = (((Sum Potential to emit after controls (tons/yr) * 1.1 (adding 10% safety factor)) * (2000 lbs/ton)) / (Limited Annual Input Capacity (tons/yr))
 Limited PM (tons/yr) based on 326 IAC 2-2 = [(Allowable PM based on 326 IAC 2-2 (lbs/ton) * (Limited Annual Input Capacity (tons/yr)) / (2000 lbs/ton)]
 Limited PM10 (tons/yr) based on 326 IAC 2-8 = [(Allowable PM-10 based on 326 IAC 2-8 (lbs/ton) * (Limited Annual Input Capacity (tons/yr)) / (2000 lbs/ton)]

**Appendix A: Emission Calculations
Production PTE**

Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor

Process	Unit ID	Control ID	Maximum Capacity (lbs/hr) ¹	SCC	Emission factors			Potential to emit						Allowable Particulate based on 326 IAC 6-3-2 (lbs/hr)	Limited Annual Input Capacity (tons/yr)	Limited PM 326 IAC 2-2 (lbs/ton)	Limited PM-10 326 IAC 2-8 (lbs/ton)	Limited PTE PM 326 IAC 2-2 (tons/yr)	Limited PTE PM-10/PM-2.5 326 IAC 2-8 (tons/yr)	
					PM (lbs/ton)	PM10=PM2.5 (lbs/ton)	VOC (lbs/ton)	PM (lbs/hr)	PM10=PM2.5 (lbs/hr)	VOC (lbs/hr)	PM (tons/yr)	PM10=PM2.5 (tons/yr)	VOC (tons/yr)							
Flour Tortilla Production																				
Six (6) tortilla ovens	EU-PR-TO-02 through 07		14,880	---	see combustion			see combustion			see combustion			0.551	65,172	n/a	n/a	n/a	n/a	
Tortilla minor ingredients*																				
Thirty-eight (38) usebins	EU-PR-TMI-40 through 77	CE-TMI-40	1,000	3-02-005-30	0.087	0.087	N/A	0.044	0.044	0.000	0.19	0.19	0.000	0.551	4,488	0.087	0.087	0.195	0.195	
Two (2) scale hoppers	EU-PR-TMI-78 and 79	CE-TMI-78 A-D and CE-TMI-79 A-D	2,000	3-02-005-30	0.087	0.087	N/A	0.087	0.087	0.000	0.38	0.38	0.000	0.551	4,488	0.087	0.087	0.195	0.195	
Flatbread Production																				
One (1) oven	EU-PR-FB-28		3,750	---	see combustion			see combustion			see combustion			0.551	16,425	n/a	n/a	n/a	n/a	
Taco Shell Production																				
Three (3) ovens	EU-PR-TS-19, 22 and 25		3,240	---	see combustion			see combustion			see combustion			0.551	14,190	n/a	n/a	n/a	n/a	
Three (3) fryers**	EU-PR-TS-20, 23 and 26		3,240	3-02-036-02	0.80	0.80	0.085	1.30	1.30	0.138	5.68	5.68	0.60	5.66	14,190	0.800	0.800	5.68	5.68	
Whole Corn Cooking Process																				
Four (4) whole corn cooking kettles***	n/a		8,000	---	negligible	negligible	N/A	0	0	0	0	0	0	0.551	30,660	negligible	negligible	negligible	negligible	
Two (2) transfer tanks	n/a		8,000	wet process	negligible	negligible	N/A	0	0	0	0	0	0	0.551	30,660	negligible	negligible	negligible	negligible	
Twenty-four (24) holding tanks****	n/a		8,000	wet process	negligible	negligible	N/A	0	0	0	0	0	0	0.551	30,660	negligible	negligible	negligible	negligible	
Two (2) wet corn grinders*****	n/a		7,000	wet process	negligible	negligible	N/A	0	0	0	0	0	0	0.551	30,660	negligible	negligible	negligible	negligible	
Corn Chip Production																				
One (1) chip oven	EU-PR-CL-13		2,100	---	see combustion			see combustion			see combustion			0.551	9,198	negligible	negligible	negligible	negligible	
One (1) chip fryer**	EU-PR-CLF-2		2,100	3-02-036-02	0.8	0.8	0.085	0.840	0.840	0.08925	3.68	3.68	0.39	4.24	9,198	0.800	0.800	3.68	3.68	
One (1) chip conveyor*	EU-PR-CLAC-2		2,100	3-02-036-02	0.8	0.8	0.085	0.840	0.840	0.08925	3.68	3.68	0.39	4.24	9,198	0.800	0.800	3.68	3.68	
Totals								3.11	3.11	2.19	13.6	13.6	9.60							

Hexane = 1.38

Notes

n/a = not applicable
Assumed PM2.5 and PM10 = PM when no emission factors are provided.

¹ Maximum Capacity (Lbs/hr)

The whole corn cooking kettles can produce a maximum of 8,000 lbs of cooked corn per hour based on processing parameters. That would be 2 cycles per kettle, which would be 4 draws of 750 lbs and 4 draws of 1250 lbs per hour.

² The emissions from the chip conveyor are conservatively assumed similar to chip fryer because the chips that go to the conveyor, after recently being fried, are saturated with hot frying oil where the emissions are exhausted to stack EP-CLAC-2.

*The emission factors for tortilla minor ingredients are from AP-42, Chapter 13.2.4 assuming all particulate is PM-10 (salt, sugar, etc.)

**The emission factors for the fryers are the emission factors for deep fat frying from AP-42, 9.13.3-2 and 9.13.3-3

All VOC from frying may be Hexane.

***IDEM reviewed emissions related to cooking corn from the two (2) cooking kettles. There is no fermentation process. IDEM determined there are no current AP-42 emission factors for cooking kettles.

****IDEM has determined that the Twelve (12) holding tanks are not steeping tanks as defined in AP 42-9.9.7 Corn Wet Milling, Section 9.9.7.2 Process Description. Although the whole corn is soaked in tanks to soften prior to grinding, lime and NOT dilute sulfuric acid solution is used to facilitate the process. Additionally, the wet corn grinding is not the same as wet corn milling, since the purpose is NOT to separate it into its component parts for resale, but to break down the kernel into mush so that the tortillas and chips can be formed.

Emission units with unrestricted potential particulate emissions of less than 0.551 pounds per hour are not subject to 326 IAC 6-3-2

*****The maximum throughput capacity of the two (2) wet corn grinders (3,500 lbs/hr x 2 = 7,000 lbs/hr) is less than that of the four (4) whole corn cooking kettles, two (2) transfer tanks, and twenty-four (24) holding tanks, and is considered an operational bottleneck for this process.

Methodology

Capacity (tons/yr) = Maximum capacity (tons/hr) x 8,760 hrs/yr / 2,000 lbs/ton

Potential to emit (tons/yr) = Capacity (tons/yr) x Emission factor (lbs/ton)

Allowable Particulate Emissions based on 326 IAC 6-3-2 = 4.10(Process Weight Rate)^{0.67}

Allowable PM based on 326 IAC 2-2 (lbs/ton) = [(Limited PTE PM 326 IAC 2-2 (tons/yr)*2000 lbs/ton) / Limited Annual Input Capacity (tons/yr)]

Allowable PM-10 based on 326 IAC 2-8 (lbs/ton) = [(Limited PTE PM10 326 IAC 2-8 (tons/yr)*2000 lbs/ton) / Limited Annual Input Capacity (tons/yr)]

Limited PM (tons/yr) based on 326 IAC 2-2 = [(Limited Annual Input Capacity (tons/yr)) * (PM Emission Factor (lbs/ton) / (2000 lbs/ton))]

Limited PM10 (tons/yr) based on 326 IAC 2-8 = [(Limited Annual Input Capacity (tons/yr)) * ((PM10 Emission Factor (lbs/ton) / (2000 lbs/ton)))]

**Appendix A: Emission Calculations
Production PTE for Masa Handling**

Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor

Before Controls Before Controls (tons/yr) Before Controls (lbs/hr)

Masa Handling	Unit ID No.	Maximum Throughput			Emission Factor (lbs/ton)			Potential to Emit (tons/yr)			Potential to Emit (lbs/hr)		
		lbs/hr	tons/hr	tons/yr	PM	PM10	PM2.5	PM	PM10	PM2.5	PM	PM10	PM2.5
New Chip Usebin	EU-PR-MA-55	7,500	3.75	32,850	0.035	0.0078	0.0078	0.57	0.13	0.13	0.13	0.03	0.03
New Chip Scale Hopper	EU-PR-MA-56	9,000	4.5	39,420	0.035	0.0078	0.0078	0.69	0.15	0.15	0.16	0.04	0.04
New Chip Mixer	EU-PR-MA-57	13,410	6.71	58,736	0.061	0.034	0.034	1.79	0.999	0.999	0.41	0.23	0.23
Totals								3.06	1.28	1.28	0.70	0.29	0.29

After Controls After Controls (tons/yr) After Controls (lbs/hr)

Masa Handling	Unit ID No.	Maximum Throughput			Emission Factor (lbs/ton)			Potential to Emit (tons/yr)			Potential to Emit (lbs/hr)		
		lbs/hr	tons/hr	tons/yr	PM	PM10	PM2.5	PM	PM10	PM2.5	PM	PM10	PM2.5
New Chip Usebin	EU-PR-MA-55	7,500	3.75	32,850	0.035	0.0078	0.0078	0.06	0.01	0.01	0.013	0.003	0.003
New Chip Scale Hopper	EU-PR-MA-56	9,000	4.5	39,420	0.035	0.0078	0.0078	0.07	0.02	0.02	0.016	0.004	0.004
New Chip Mixer	EU-PR-MA-57	13,410	6.71	58,736	0.061	0.034	0.034	0.36	0.20	0.200	0.082	0.046	0.046
Totals								0.48	0.23	0.23	0.11	0.05	0.05

Notes

The emission factors for the usebin and hopper are from AP-42 9.9.1-1 Grain Elevators, Grain Receiving for Hopper Truck
The emission factors for the manual unloading, and mixer are from AP-42 9.9.1-1 Grain Elevators, Headhouse and internal handling
Assumed PM2.5 = PM10

Methodology

Maximum Throughput (tons/yr) = Maximum Throughput (tons/hr) x 8,760 hrs/yr / 2,000 lbs/ton
Potential to emit (tons/yr) = Maximum Throughput (tons/yr) x Emission factor (lbs/ton) x (1ton/2000lbs)

Appendix A: Emission Calculations
Potential to emit (PTE) from the
Masa Tortilla Line

Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor

Before Controls

Masa Handling	Unit ID No.	SCC	Maximum Throughput*			Emission Factor (lbs/ton)**			Uncontrolled PTE (tons/yr)			Uncontrolled PTE (lbs/hr)		
			lbs/hr	tons/hr	tons/yr	PM	PM10	PM2.5	PM	PM10	PM2.5	PM	PM10	PM2.5
Corn Masa Scale Hopper	EU-PR-MTO-01	3-02-005-52	1,200	0.60	5,256	0.035	0.0078	0.0078	0.09	0.02	2.05E-02	0.021	0.005	0.005
Corn Masa Tortilla Mixer	EU-PR-MTO-02	3-02-005-30	1,200	0.60	5,256	0.061	0.034	0.034	0.16	0.089	0.089	0.037	0.020	0.020
Totals									0.25	0.11	0.11	0.06	0.03	0.03

After Controls

Masa Handling	Unit ID No.	SCC	Maximum Throughput*			Emission Factor (lbs/ton)**			After Controls (tons/yr)			After Controls (lbs/hr)		
			lbs/hr	tons/hr	tons/yr	PM	PM10	PM2.5	PM	PM10	PM2.5	PM	PM10	PM2.5
Corn Masa Scale Hopper	EU-PR-MTO-01	3-02-005-52	1,200	0.60	5,256	0.035	0.0078	0.0078	0.01	2.05E-03	2.05E-03	0.002	4.68E-04	4.68E-04
Corn Masa Tortilla Mixer	EU-PR-MTO-02	3-02-005-30	1,200	0.60	5,256	0.061	0.034	0.034	0.03	0.02	0.018	0.007	0.004	0.004
Totals									0.04	0.02	1.99E-02	0.01	4.55E-03	4.55E-03

Notes

*Maximum Throughput (lbs/hr) was provided by the source.

**The emission factors for the hopper are from AP-42 9.9.1-1 Grain Elevators, Grain Receiving for Hopper Truck

**The emission factors for the mixer are from AP-42 9.9.1-1 Grain Elevators, Headhouse and internal handling

**In the absence of valid emission factors, it is assumed that PM2.5 emissions = PM10 emissions.

Methodology

Maximum Throughput (tons/hr) = [Maximum Throughput (lbs/hr) * 1 ton/2000 lbs]

Maximum Throughput (tons/yr) = [Maximum Throughput (tons/hr) x 8,760 hrs/yr]

Potential to emit (tons/yr) = Maximum Throughput (tons/yr) x Emission factor (lbs/ton) x (1ton/2000lbs)

Potential to Emit (lbs/hr) = [Potential to Emit (tons/yr) * 1 year / 8760hrs * 2000lbs/ton]

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

**Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor**

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10 = PM2.5*	SO2	NOx	VOC	CO
	1.90	7.60	0.600	100 **see below	5.50	84.0

*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

Equipment	Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr	Potential Emission in tons/yr					
			PM*	PM10 = PM2.5*	SO2	NOx	VOC	CO
Ten (10) direct fired heaters (EU-PR-MAU-01 Thru EU-PR-MA03; EU-PR-MAU-04A; EU-PR-MAU-04B; EU-PR-MAU-05-09)	6.69	58.6044	0.06	0.22	0.02	2.93	0.16	2.46
Eighteen (18) indirect-fired heaters (Aaon EU-PR-ACRTU-02 through EU-PR-ACRTU-19)	4.28	37.4928	0.04	0.14	0.01	1.87	0.10	1.57
One (1) boiler (EU-PR-BR-01)	6.30	55.188	0.05	0.21	0.02	2.76	0.15	2.32
One (1) hot water heater (EU-PR-WH-02)	8.00	70.08	0.07	0.27	0.02	3.50	0.19	2.94
Seven (7) tortilla ovens (EU-PR-TO-01 Thru EU-PR-TO-07)	10.50	91.98	0.09	0.35	0.03	4.60	0.25	3.86
One (1) flatbread oven (EU-PR-FB-28)	1.50	13.14	0.01	0.05	0.00	0.66	0.04	0.55
Three (3) taco shell ovens (EU-PR-TS-19 a/b; EU-PR-TS-22 a/b; EU-PR-TS-25 a/b)	3.90	34.164	0.03	0.13	0.01	1.71	0.09	1.43
Three (3) taco shell heat exchangers (EU-PR-TS-21; EU-PR-TS-24; EU-PR-TS-27)	6.30	55.188	0.05	0.21	0.02	2.76	0.15	2.32
One (1) chip oven (EU-PR-CL-13)	3.20	28.032	0.03	0.11	0.01	1.40	0.08	1.18
One chip heat exchanger (EU-PR-CL-15)	2.90	25.404	0.02	0.10	0.01	1.27	0.07	1.07
One (1) baked chip oven (EU-PR-BC-01)	8.50	74.46	0.07	0.28	0.02	3.72	0.20	3.13
One (1) Masa Tortilla Oven (EU-PR-MTO-03)	4.50	39.42	0.04	0.15	0.01	1.97	0.11	1.66
Totals	66.57	583.15	0.55	2.22	0.17	29.16	1.60	24.49
Replaced								
One (1) hot water heater (EU-PR-WH-02) (replaced 2013)	8.00	70.08	0.07	0.27	2.10E-02	3.50	0.19	2.94
One (1) tortilla oven (EU-PR-TO-04) (replaced 2016)	1.50	13.14	0.01	0.05	3.94E-03	0.66	0.04	0.55

Notes

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

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

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Methodology

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

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

Hazardous Air Pollutants (HAP) Calculations

Source-wide Total HAP PTE

Emission Factor in lb/MMcf	HAPs - Organics					Hexane Worst HAP
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene	
Potential Emission in tons/yr	6.12E-04	3.50E-04	2.19E-02	0.52	9.91E-04	0.52
Emission Factor in lb/MMcf	HAPs - Metals					Total HAPs
	Lead	Cadmium	Chromium	Manganese	Nickel	
Potential Emission in tons/yr	1.46E-04	3.21E-04	4.08E-04	1.11E-04	6.12E-04	0.55

2016 Modification HAP PTE

Emission Factor in lb/MMcf	HAPs - Organics					Hexane Worst HAP
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene	
Potential Emission in tons/yr; One (1) hot water heater (EU-PR-WH-02) (replaced 2013)	7.36E-05	4.20E-05	2.63E-03	6.31E-02	1.19E-04	0.06
Potential Emission in tons/yr; One (1) tortilla oven (EU-PR-TO-04) (replaced 2016)	1.38E-05	7.88E-06	4.93E-04	1.18E-02	2.23E-05	0.01
Emission Factor in lb/MMcf	HAPs - Metals					Total HAPs
	Lead	Cadmium	Chromium	Manganese	Nickel	
Potential Emission in tons/yr; One (1) hot water heater (EU-PR-WH-02) (replaced 2013)	1.75E-05	3.85E-05	4.91E-05	1.33E-05	7.36E-05	0.07
Potential Emission in tons/yr; One (1) tortilla oven (EU-PR-TO-04) (replaced 2016)	3.29E-06	7.23E-06	9.20E-06	2.50E-06	1.38E-05	0.01

Notes

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

**Appendix A: Emission Calculations
Unit & Throughput Information**

Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor

Unit ID No.	Stack ID No.	Equipment	Potential Heat Input Capacity (MMBTU/hr)	Potential Process Rates	
				lbs/hr	tons/yr
EU-PR-ACRTU-02	EP-A/C RTU #2	Aaon #2	0.456	---	---
EU-PR-ACRTU-03	EP-A/C RTU #3	Aaon #3	0.228	---	---
EU-PR-ACRTU-04	EP-A/C RTU #4	Aaon #4	0.36	---	---
EU-PR-ACRTU-05	EP-A/C RTU #5	Aaon #5	0.36	---	---
EU-PR-ACRTU-06	EP-A/C RTU #6	Aaon #6	0.285	---	---
EU-PR-ACRTU-07	EP-A/C RTU #7	Aaon #7	0.285	---	---
EU-PR-ACRTU-08	EP-A/C RTU #8	Aaon #8	0.228	---	---
EU-PR-ACRTU-09	EP-A/C RTU #9	Aaon #9	0.228	---	---
EU-PR-ACRTU-10	EP-A/C RTU #10	Aaon #10	0.065	---	---
EU-PR-ACRTU-11	EP-A/C RTU #11	Aaon #11	0.065	---	---
EU-PR-ACRTU-12	EP-A/C RTU #12	Aaon #12	0.14	---	---
EU-PR-ACRTU-13	EP-A/C RTU #13	Aaon #13	0.07	---	---
EU-PR-ACRTU-14	EP-A/C RTU #14	Aaon #14	0.14	---	---
EU-PR-ACRTU-15	EP-A/C RTU #15	Aaon #15	0.29	---	---
EU-PR-ACRTU-16	EP-A/C RTU #16	Aaon #16	0.29	---	---
EU-PR-ACRTU-17	EP-A/C RTU #17	Aaon #17	0.29	---	---
EU-PR-ACRTU-18	EP-A/C RTU #18	Aaon #18	0.29	---	---
EU-PR-ACRTU-19	EP-A/C RTU #19	Aaon #19	0.23	---	---
EU-PR-MAU-01	Room Air	AAS MAU #1	0.50	---	---
EU-PR-MAU-02	Room Air	AAS MAU #2	0.52	---	---
EU-PR-MAU-03	Room Air	AAS MAU #3	0.32	---	---
EU-PR-MAU-04A	Room Air	AAS MAU #4a	1.044	---	---
EU-PR-MAU-04B	Room Air	AAS MAU #4b	1.044	---	---
EU-PR-MAU-05	Room Air	AAS MAU #5	0.778	---	---
EU-PR-MAU-06	Room Air	AAS MAU #6	0.34	---	---
EU-PR-MAU-07	Room Air	AAS MAU #7	0.466	---	---
EU-PR-MAU-08	Room Air	AAS MAU #8	0.68	---	---
EU-PR-MAU-09	Room Air	AAS MAU #9	0.998	---	---
EU-PR-BR-01	EP-Boiler	Boiler #1	6.3	---	---
EU-PR-WH-02	EP-WH	Kemco Water Heater	7.0	---	---
EU-PR-TO-02	EP-T02	#2 Tortilla Ovens	1.5	2,480	10,862
EU-PR-TO-03	EP-T03	#3 Tortilla Ovens	1.5	2,480	10,862

Unit ID No.	Stack ID No.	Equipment	Potential Heat Input Capacity (MMBTU/hr)	Potential Process Rates	
				lbs/hr	tons/yr
EU-PR-TO-04	EP-T04	#4 Tortilla Ovens	1.5	2,480	10,862
EU-PR-TO-05	EP-T05	#5 Tortilla Ovens	1.5	2,480	10,862
EU-PR-TO-06	EP-T06	#6 Tortilla Ovens	1.5	2,480	10,862
EU-PR-TO-07	EP-T07	#7 Tortilla Ovens	1.5	2,480	10,862
EU-PR-FB-28	EP-FBO9-01 &02	#1 Flatbread Oven	1.5	3,750	16,425
EU-PR-TS-19	EP-TSO3-1/-2	#1 Taco Oven	3.9	1,080	4,730
EU-PR-TS-21	EP-TSHE3	#1 Taco Heat Exchanger	2.1	---	---
EU-PR-TS-22	EP-TSO4-1/-2	#2 Taco Oven	3.9	1,080	4,730
EU-PR-TS-24	EP-TSHE4	#2 Taco Heat Exchanger	2.1	---	---
EU-PR-TS-25	EP-TSO5-1/-2	#3 Taco Oven	3.9	1,080	4,730
EU-PR-TS-27	EP-TSHE5	#3 Taco Heat Exchanger	2.1	---	---
EU-PR-CL-13	EP-CL02-1/-2	Chip Oven	3.2	2,100	9,198
EU-PR-CL-15	EP-CLHE2	Chip Heat Exchanger	2.9	---	---
EU-PR-TS-20	EP-TSF3	#1 Taco Fryer	---	1,080	4,730
EU-PR-TS-23	EP-TSF4	#2 Taco Fryer	---	1,080	4,730
EU-PR-TS-26	EP-TSF5	#3 Taco Fryer	---	1,080	4,730
EU-PR-CL-14	EP-CLF2	Chip Fryer	---	2,100	9,198
EU-PR-CL-16	EP-CLAC2	Chip Conveyor	---	2,100	9,198
EU-PR-MA-45	To room air	Corn Masa Usebin w/ baghouse	---	9,000	39,420
EU-PR-MA-44	Totally Enclosed	Corn Masa Manual Unloading (no vent/no baghouse)	---	9,000	39,420
EU-PR-MA-53	To room air	Scale Hopper to EU-PR-MA-45	---	12,000	52,560
EU-PR-MA-52	To room air	Taco Oven Mixer (w/ filter sock to room air)	---	2,679	11,734
EU-PR-CR-39	EP-39	Whole Corn Unloading (w/Baghouse)	---	30,000	131,400

**Appendix A: Emission Calculations
Unit & Throughput Information**

Company Name: Tyson Mexican Original, Inc.
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371
FESOP No.: F075-26199-00022
Significant Permit Revision No.: 075-36488-00022
Reviewer: Curtis Taylor

Unit ID No.	Stack ID No.	Equipment	Potential Heat Input Capacity (MMBTU/hr)	Potential Process Rates	
				lbs/hr	tons/yr
EU-PR-CR-40/41	EP-40/41	Whole Corn Silo #1/#2 each w/ Baghouse - 30,000 lbs/yr each but can only run 1 at a time, thus 30,000 lbs/yr total	---	30,000	131,400
EU-PR-CR-42	To room air	Whole Corn Scale Hopper w/ Baghouse	---	9,000	39,420
EU-PR-FL-31/32/33/34	EP-31/32/33/34	Flour Silo #1/#2/#3/#4 each w/ Baghouse	---	144,000	630,720
EU-PR-FL-36/37	To room air	(2) Flour Sifters each w/ baghouse	---	48,000	210,240
EU-PR-FB-30	To room air	Flatbread Usebin w/ baghouse	---	24,000	105,120
EU-PR-FB-31	To room air	Flatbread Scale Hopper #1 to Flatbread Usebin Baghouse	---	15,000	65,700
EU-PR-FB-32	To room air	Flatbread Mixer w/ filter sock	---	2,496	10,932
EU-PR-FL-35	To room air	Tortilla Usebin w/ baghouse	---	24,000	105,120
EU-PR-FL-38/39A/39B/40/41	To room air	Tortilla Scale Hoppers Baghouse CE-FL-35	---	11,275	49,385
EU-PR-FL-42	To room air	(1) flour usebin for Flatbread	---	24,000	105,120
EU-PR-TO-09/10A/10B/11/12	To room air	Tortilla (5) Mixers w/ filter sock	---	12,299	53,870
EU-PR-FBM-01	To room air	Flatbread Minor Ingredient Hand Dump Hopper w/ baghouse	---	1,000	4,380
EU-PR-FBM-02	To room air	Flatbread Minor Ingredient Usebin w/Baghouse	---	1,000	4,380
EU-PR-FBM-03	To room air	Flatbread Minor Ingredient Scale Hopper w/ filter sock	---	15,000	65,700

Unit ID No.	Stack ID No.	Equipment	Potential Heat Input Capacity (MMBTU/hr)	Potential Process Rates	
				lbs/hr	tons/yr
EU-PR-FBM-04	To room air	Flatbread Minor Ingredient Pre-mix Hopper w/ baghouse	---	15,000	65,700
EU-PR-TMI-40-77	To room air	Tortilla Minor Ingredient 38 Usebins	---	1,000	4,380
EU-PR-TMI-78	To room air	Tortilla Minor Scale Hopper #1	---	1,000	4,380
EU-PR-TMI-79	To room air	Tortilla Minor Scale Hopper #2	---	1,000	4,380
EU-PR-TMI-36/37A/37B/38/39	To room air	(5) Tortilla Scale Hopper each w/ Baghouse	---	5,000	21,900
EU-PR-SA-01	EP-SA-01	Salt Bin w/ filter sock	---	25,000	109,500
EU-PR-MA-54	Totally Enclosed	Masa Manual Unloading (no vent/no baghouse)	---	11,350	49,713
EU-PR-MA-55	To room air	Baked Chip Masa Usebin w/ baghouse to room air	---	7,500	32,850
EU-PR-MA-56	To room air	Baked Chip Masa Scale Hopper to EP-54 w/ baghouse to room air	---	9,000	39,420
EU-PR-MA-57	To room air	Baked Chip Masa Mixer w/ Filter Sock to Room Air	---	13,410	58,736
EU-PR-BC-01	EP-BC-01	Baked Chip Oven	8.5	3,500	15,330
EU-PR-TO-01	EP-TO-01	Exhaust Stack	1.5	2,480	10,862
EU-PR-MTO-01	To room air	Corn Masa Scale Hopper	---	1,200	5,256
EU-PR-MTO-02	To room air	Corn Masa Tortilla Mixer	---	1,200	5,256
EU-PR-MTO-03	To room air	Corn Masa Tortilla Oven	4.5	2,500	10,950
n/a	To room air	Four (4) whole corn cooking kettles*	---	7,000	30,660
n/a	To room air	Two (2) transfer tanks*	---	7,000	30,660
n/a	To room air	Twenty-four (24) holding tanks*	---	7,000	30,660
n/a	To room air	Two (2) wet corn grinders, each	---	7,000	30,660

* The process rate for the four (4) whole corn cooking kettles, two (2) transfer tanks, and twenty-four (24) holding tanks is bottlenecked by the combined maximum process rate of the two (2) wet corn grinders.



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

February 23, 2016

Mr. Andy Pfeifer
Tyson Mexican Original, Inc.
1355 W. Tyson Rd.
Portland, IN 47371

Re: Public Notice
Tyson Mexican Original, Inc.
Permit Level: Federally Enforceable State
Operating Permit (FESOP) Significant Permit
Revision
Permit Number: 075-36488-00022

Dear Mr. Pfeifer:

Enclosed is a copy of your draft Federally Enforceable State Operating Permit (FESOP) Significant Permit Revision, Technical Support Document, 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 Commercial Review in Portland, Indiana publish the abbreviated version of the public notice no later than February 23, 2016. 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 Jay County Public Library, 315 North Ship Street in Portland, 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 Katrina Gilbank, 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 4-9526 or dial (317) 234-9526.

Sincerely,

Vivian Haun

Vivian Haun
Permits Branch
Office of Air Quality

Enclosures
PN Applicant Cover letter 2/17/2016



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Carol S. Comer
Commissioner

ATTENTION: PUBLIC NOTICES, LEGAL ADVERTISING

February 19, 2016

Commercial Review
309 West Main Street
PO Box 1049
Portland, IN 47371

Enclosed, please find one Indiana Department of Environmental Management Notice of Public Comment for Tyson Mexican Original, Inc., Jay 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 February 23, 2016.

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 Vivian Haun at 800-451-6027 and ask for extension 3-6878 or dial 317-233-6878.

Sincerely,

Vivian Haun

Vivian Haun
Permit Branch
Office of Air Quality

Permit Level: Federally Enforceable State Operating Permit (FESOP)
Significant Permit Revision

Permit Number: 075-36488-00022

Enclosure
PN Newspaper.dot 2/17/2016



Indiana Department of Environmental Management

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Michael R. Pence
Governor

Carol S. Comer
Commissioner

February 23, 2016

To: Jay County 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: Tyson Mexican Original, Inc.
Permit Number: 075-36488-00022

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 2/17/2016



Indiana Department of Environmental Management

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

Michael R. Pence
Governor

Carol S. Comer
Commissioner

Notice of Public Comment

February 23, 2016
Tyson Mexican Original, Inc.
075-36488-00022

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 2/17/2016

Mail Code 61-53

IDEM Staff	VHAUN 2/23/2016 Tyson Mexican Original, Inc. 075-36488-00022 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		Andy Pfeifer Tyson Mexican Original, Inc. 1355 W Tyson Rd Portland IN 47371-7997 (Source CAATS)										
2		Dee Farra Facility Manager Tyson Mexican Original, Inc. 1355 W Tyson Rd Portland IN 47371-7997 (RO CAATS)										
3		Jay County Commissioners Jay County Courthouse Portland IN 47371 (Local Official)										
4		Portland City Council and Mayors Office 321 N. Meridian Portland IN 47371 (Local Official)										
5		Jay County Public Library 315 N. Ship Street Portland IN 47371 (Library)										
6		Jay County Health Department 504 West Arch Street Portland IN 47371 (Health Department)										
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