



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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Indianapolis, Indiana 46204  
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[www.idem.IN.gov](http://www.idem.IN.gov)

TO: Interested Parties / Applicant

DATE: May 19, 2009

RE: Tyson Foods, Inc., Mexican Original / 075-26199-00022

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

## Notice of Decision: Approval - Effective Immediately

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

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

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

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

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

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

Enclosures  
FNPER.dot12/03/07



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**Federally Enforceable State Operating Permit  
Renewal  
OFFICE OF AIR QUALITY**

**Tyson Foods, Inc., Mexican Original  
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.

Operation Permit No.: F075-26199-00022	
Issued by:  Alfred C. Dumauval, Ph. D., Section Chief Permits Branch Office of Air Quality	Issuance Date: May 19, 2009  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 Address:	1355 W. Tyson Road, Portland, Indiana 47371
Mailing Address:	1355 W. Tyson Road, Portland, IN 47371
General Source Phone Number:	260-726-1601
SIC Code:	2096, 2041
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)]

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

- (a) One (1) flour silo system, constructed in 1994/95, 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.
  - (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, and exhausting inside, capacity: 24,000 pounds of flour per hour, each.
- (b) One (1) tortilla production process, constructed in 1994/95, producing a maximum of 14,880 pounds of tortillas per hour, including:
  - (1) One (1) tortilla flour 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) Three (3) tortilla scale hoppers, identified as EU-PR-FL-38 through 40, equipped with a baghouse, identified as CE-FL-35, and exhausting inside, capacity: 15,000 pounds of flour per hour, each.
  - (3) Three (3) tortilla mixers, identified as EU-PR-TO-09 through 11, equipped with filters, identified as CE-TO-09 through 11, respectively, and exhausting inside, capacity: 3,472 pounds of raw materials, excluding water, per hour, each.
  - (4) Six (6) sets of pressed tortilla forming equipment.
  - (5) Six (6) propane and natural gas-fired tortilla ovens, identified as EU-PR-TO-02 through 07 (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 through 7, respectively; capacity: 2,480 pounds per hour each.
- (6) Tortilla cooling, packing and shipping.
  - (7) One (1) tortilla minor ingredients system consisting of:
    - (A) Thirty-eight (38) 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 per hour, total.
    - (B) Two (2) 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 per hour each.
    - (C) Three (3) tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36 through 38, each equipped with a baghouse, identified as CE-TMI-36 through 38, respectively, and exhausting inside; capacity for EU-PR-TMI-36 is 12,000 pounds per hour and capacity for EU-PR-TMI-37 and EU-TMI-38 is 12,000 per hour.
- (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-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 mixer, identified as EU-PR-FB-32, equipped with a filter, identified as CE-FB-32, and exhausting inside, capacity: 2,496 pounds of raw materials, excluding water, per hour.
  - (4) One (1) set of flatbread forming equipment.
  - (5) One (1) propane and 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.
  - (6) Flatbread cooling, packing and shipping.
  - (7) 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 baghouse, identified as CE-FBM-04, and exhausting inside, capacity: 15,000 pounds 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:
- (1) One (1) primary 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 masa per hour.
  - (2) One (1) masa manual unloading, identified as EU-PR-MA-45, equipped with a baghouse, identified as CE-MA-45, and exhausting inside, with an input capacity of 9000 pounds per hour.
  - (3) One (1) primary 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 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, per hour.
  - (5) Three (3) natural gas and propane-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 propane or natural gas-fired heat exchanger, identified as EU-PR-TS-27, 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 chip production process, constructed in 1994/95, producing a maximum of 2,100 pounds of corn chips per hour, including:
- (1) One (1) whole corn truck unloading station, identified as EU-PR-CR-39, equipped with a baghouse identified as CE-CR-39 and exhausting through stack EP-39, capacity: 30,000 pounds of corn per hour.
  - (2) Two (2) whole corn silos, identified as EU-PR-CR-40 and 41, 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 corn per hour, each, and 30,000 pounds of 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, equipped with a baghouse, identified as CE-CR-42, and exhausting inside, capacity: 9,000 pounds of corn per hour.

- (4) Two (2) corn cooking kettles, capacity: 2,121 pounds of raw materials per hour, total.
  - (5) One (1) whole corn transfer tank, capacity: 2,100 pounds per hour.
  - (6) Twelve (12) whole corn holding tanks, capacity: 2,100 pounds per hour, total.
  - (7) One (1) wet corn grinder, capacity: 2,100 pounds per hour.
  - (8) One (1) natural gas and propane-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.
  - (9) One (1) chip fryer, identified as EU-PR-CLF-2, equipped with a propane or 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.
  - (10) One (1) chip conveyor, identified as EU-PR-CLAC-2, exhausting to stack EP-CLAC-2, capacity: 2,100 pounds per hour.
  - (11) One (1) salt tumbler.
  - (12) Corn chip packing and shipping.
- (f) 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.
- (g) One (1) boiler, identified as EU-PR-BR-01, constructed in 1994/1995, fired by propane or natural gas, exhausting through stack EP-Boiler, heat input capacity: 6.3 million British thermal units per hour.
- (h) One (1) hot water heater, identified as EU-PR-WH-02, fired by propane or natural gas, exhausting through stack EP-WH, constructed in 1994, capacity: 7.0 million British thermal units per hour.
- (i) One (1) baked chip (masa) process line, including the following:
- (1) One (1) primary masa (baked chip) usebin, identified as EU-PR-MA-55, with a processing capacity of 7,500 pounds per hour, equipped with baghouse CE-MA-55 and exhausting to the indoors, and constructed in 2005, capacity: 7,500 pounds per hour.
  - (2) One (1) baked chip masa scale hopper, identified as EU-PR-MA-56, with a capacity of 9000 pounds per hour, venting to baghouse CE-MA-55 and exhausting to the indoors, and constructed in 2005, capacity: 9,000 pounds per hour.
  - (3) One (1) chip shell mixer, identified as EU-PR-MA-57, equipped with filter sock CE-MA-57, constructed in 2005, capacity: 13,410 pounds per hour.
  - (4) One (1) baked chip masa natural gas-fired oven, identified as EU-PR-BC-01, also capable of burning propane, exhausting to stack EP-BC-01, constructed in 2005, heat input capacity: 8.5 million British thermal units per hour.
- (j) One (1) masa manual unloading, identified as EU-PR-MA-54, and totally enclosed (no vent, no baghouse), constructed in 2005, capacity: 11,350 pounds per hour.

- (k) One (1) 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) minor ingredient scale hopper, identified as EU-PR-TMI-39, with a capacity of 176 pounds per hour, equipped with baghouse CE-TMI-39, exhausting to the indoors, and constructed in 2008, capacity: 176 pounds per hour.
  - (3) One (1) mixer, identified as EU-PR-TO-12, equipped with filter sock CE-TO-12, constructed in 2008, capacity: 3,472 pounds 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 per hour.

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

This stationary source also includes the following insignificant activities:

- (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 and propane 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 and propane 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.
- (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) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. This is a parts washer using only non-HAP materials. [326 IAC 8-3-2] [326 IAC 8-3-5]
- (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) One (1) propane tank.
  - (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.
  - (7) One (1) CO<sub>2</sub> tank.
- (m) One (1) chunker with conveyor, constructed in 2008.
- (n) One (1) divider, constructed in 2008.
- (o) One (1) proofer, constructed in 2008.
- (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]

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

## **SECTION B GENERAL CONDITIONS**

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

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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]**

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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]**

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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)]**

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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)]**

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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)]**

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- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

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

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

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

- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

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

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- (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 the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

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

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
  - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, 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 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 the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

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

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- (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.

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

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

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

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

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

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

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

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

**B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)][326 IAC 2-8-7(a)][326 IAC 2-8-8]**

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
  - (1) That this permit contains a material mistake.

- (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
- (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

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

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

Request for renewal shall be submitted to:

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

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

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

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

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

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

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

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

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

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

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

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

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

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

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

- (c) Alternative Operating Scenarios [326 IAC 2-8-15(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

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

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

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

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

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

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

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- (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

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

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

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

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

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

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

## SECTION C

## SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

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

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

(a) Pursuant to 326 IAC 2-8:

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

(b) 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 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

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

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

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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]

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

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

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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]

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

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification 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]**

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

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

Indiana Department of Environmental Management  
Compliance 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 certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

### **Compliance Requirements [326 IAC 2-1.1-11]**

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

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

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

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

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

Indiana Department of Environmental Management  
Compliance 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 the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

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

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

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

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

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

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

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

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

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

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
  - (1) initial inspection and evaluation;
  - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
  - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
  - (1) monitoring results;
  - (2) review of operation and maintenance procedures and records; and/or
  - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
  - (1) monitoring data;
  - (2) monitor performance data, if applicable; and
  - (3) corrective actions taken.

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

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM,

OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

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

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

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

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

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

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

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:
- Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

## **Stratospheric Ozone Protection**

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

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

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

## SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

### Emissions Unit Description:

- (a) One (1) flour silo system, constructed in 1994/95, 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.
  - (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, and exhausting inside, capacity: 24,000 pounds of flour per hour, each.
- (b) One (1) tortilla production process, constructed in 1994/95, producing a maximum of 14,880 pounds of tortillas per hour, including:
  - (1) One (1) tortilla flour 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) Three (3) tortilla scale hoppers, identified as EU-PR-FL-38 through 40, equipped with a baghouse, identified as CE-FL-35, and exhausting inside, capacity: 15,000 pounds of flour per hour, each.
  - (3) Three (3) tortilla mixers, identified as EU-PR-TO-09 through 11, equipped with filters, identified as CE-TO-09 through 11, respectively, and exhausting inside, capacity: 3,472 pounds of raw materials, excluding water, per hour, each.
  - (4) Six (6) sets of pressed tortilla forming equipment.
  - (5) Six (6) propane and natural gas-fired tortilla ovens, identified as EU-PR-TO-02 through 07 (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 through 7, respectively; capacity: 2,480 pounds per hour each.
  - (6) Tortilla cooling, packing and shipping.
  - (7) One (1) tortilla minor ingredients system consisting of:
    - (A) Thirty-eight (38) 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 per hour, total.
    - (B) Two (2) 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 per hour each.
    - (C) Three (3) tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36 through 38, each equipped with a baghouse, identified as CE-TMI-36 through 38, respectively, and exhausting inside; capacity for EU-PR-TMI-36 is 12,000 pounds per hour and capacity for EU-PR-TMI-37 and EU-TMI-38 is 12,000 per hour.

- (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-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 mixer, identified as EU-PR-FB-32, equipped with a filter, identified as CE-FB-32, and exhausting inside, capacity: 2,496 pounds of raw materials, excluding water, per hour.
  - (4) One (1) set of flatbread forming equipment.
  - (5) One (1) propane and 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.
  - (6) Flatbread cooling, packing and shipping.
  - (7) 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 baghouse, identified as CE-FBM-04, and exhausting inside, capacity: 15,000 pounds 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:
- (1) One (1) primary masa usebin (including two (2) masa totes), identified as EU-PR-MA-45, equipped with a baghouse, identified as CE-MA-45, and exhausting inside, input capacity: 9,000 pounds of masa per hour.
  - (2) One (1) masa manual unloading, identified as EU-PR-MA-44, totally enclosed (no vent, no baghouse), with an input capacity of 9000 pounds per hour.
  - (3) One (1) primary 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 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, per hour.
- (5) Three (3) natural gas and propane-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 propane or natural gas-fired heat exchanger, identified as EU-PR-TS-27, 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 chip production process, constructed in 1994/95, producing a maximum of 2,100 pounds of corn chips per hour, including:
  - (1) One (1) whole corn truck unloading station, identified as EU-PR-CR-39, equipped with a baghouse identified as CE-CR-39 and exhausting through stack EP-39, capacity: 30,000 pounds of corn per hour.
  - (2) Two (2) whole corn silos, identified as EU-PR-CR-40 and 41, 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 corn per hour, each, and 30,000 pounds of 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, equipped with a baghouse, identified as CE-CR-42, and exhausting inside, capacity: 9,000 pounds of corn per hour.
  - (4) Two (2) corn cooking kettles, capacity: 2,121 pounds of raw materials per hour, total.
  - (5) One (1) whole corn transfer tank, capacity: 2,100 pounds per hour.
  - (6) Twelve (12) whole corn holding tanks, capacity: 2,100 pounds per hour, total.
  - (7) One (1) wet corn grinder, capacity: 2,100 pounds per hour.
  - (8) One (1) natural gas and propane-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.
  - (9) One (1) chip fryer, identified as EU-PR-CLF-2, equipped with a propane or 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.
  - (10) One (1) chip conveyor, identified as EU-PR-CLAC-2, exhausting to stack EP-CLAC-2, capacity: 2,100 pounds per hour.

- (11) One (1) salt tumbler.
- (12) Corn chip packing and shipping.
- (f) 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.
- (g) One (1) boiler, identified as EU-PR-BR-01, constructed in 1994/1995, fired by propane or natural gas, exhausting through stack EP-Boiler, heat input capacity: 6.3 million British thermal units per hour.
- (h) One (1) hot water heater, identified as EU-PR-WH-02, fired by propane or natural gas, exhausting through stack EP-WH, constructed in 1994, capacity: 7.0 million British thermal units per hour.
- (i) One (1) baked chip (masa) process line, including the following:
  - (1) One (1) primary masa (baked chip) usebin, identified as EU-PR-MA-55, with a processing capacity of 7,500 pounds per hour, equipped with baghouse CE-MA-55 and exhausting to the indoors, and constructed in 1994, capacity: 7,500 pounds per hour.
  - (2) One (1) baked chip masa scale hopper, identified as EU-PR-MA-56, with a capacity of 9000 pounds per hour, venting to baghouse CE-MA-55 and exhausting to the indoors, and constructed in 1994, capacity: 9,000 pounds per hour.
  - (3) One (1) chip shell mixer, identified as EU-PR-MA-57, equipped with filter sock CE-MA-57, constructed in 1994, capacity: 13,410 pounds per hour.
  - (4) One (1) baked chip masa natural gas-fired oven, identified as EU-PR-BC-01, also capable of burning propane, exhausting to stack EP-BC-01, constructed in 1994, heat input capacity: 8.5 million British thermal units per hour.
- (j) One (1) masa manual unloading, identified as EU-PR-MA-54, and totally enclosed (no vent, no baghouse), constructed in 1994, capacity: 11,350 pounds per hour.
- (k) One (1) 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) minor ingredient scale hopper, identified as EU-PR-TMI-39, with a capacity of 176 pounds per hour, equipped with baghouse CE-TMI-39, exhausting to the indoors, and constructed in 2008, capacity: 176 pounds per hour.
  - (3) One (1) mixer, identified as EU-PR-TO-12, equipped with filter sock CE-TO-12, constructed in 2008, capacity: 3,472 pounds 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 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]**

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- (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:

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

<b>Unit Description</b>	<b>Unit ID</b>	<b>Control Device</b>	<b>Maximum Process Weight Rate (tons/hr)</b>	<b>326 IAC 6-3-2 Limit (lbs/hr)</b>
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
one (1) tortilla flour usebin	EU-PR-FL-35	CE-FL-35	19.5	30.0
three (3) tortilla scale hoppers	EU-PR-FL-38/39/40	CE-FL-35	19.5	30.0
one (1) tortilla mixer	EU-PR-TO-09	CE-TO-09	1.74	5.93
one (1) tortilla mixer	EU-PR-TO-10	CE-TO-10	1.74	5.93
one (1) tortilla mixer	EU-PR-TO-11	CE-TO-11	1.74	5.93
one (1) tortilla minor ingredient scale hopper	EU-PR-TMI-36	CE-TMI-36	6.0	13.6
one (1) tortilla minor ingredient scale hopper	EU-PR-TMI-37	CE-TMI-37	6.0	13.6
one (1) tortilla minor ingredient scale hopper	EU-PR-TMI-38	CE-TMI-38	6.0	13.6
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

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

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

<b>Unit Description</b>	<b>Unit ID</b>	<b>Throughput Limits (tons per twelve (12) consecutive month period)</b>
four (4) flour silos	EU-PR-FL-31/32/33/34	45,896
two (2) flour sifters	EU-PR-FL-36/37	45,896
one (1) tortilla flour usebin	EU-PR-FL-35	37,531
three (3) tortilla scale hoppers	EU-PR-FL-38/39/40	37,531
three (3) tortilla mixers	EU-PR-TO-09/10/11	45,622
thirty-eight (38) tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	1,317
(2) tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	3,284
one (1) tortilla minor ingredient scale hopper	EU-PR-TMI-36	1,095
two (2) tortilla minor ingredient scale hoppers	EU-PR-TMI-37/38	2,189
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	9,198
two (2) whole corn silos	EU-PR-CR-40/41	9,198
one (1) whole corn scale hopper	EU-PR-CR-42	9,198
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

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

Unit Description	Unit ID	PM/PM10 Emission Limit (lbs/ton)
four (4) flour silos	EU-PR-FL-31/32/33/34	0.101
two (2) flour sifters	EU-PR-FL-36/37	0.019
one (1) tortilla flour usebin	EU-PR-FL-35	0.203
three (3) tortilla scale hoppers	EU-PR-FL-38/39/40	0.127
three (3) tortilla mixers	EU-PR-TO-09/10/11	0.484
thirty-eight (38) tortilla minor ingredient usebins	EU-PR-TMI-40 through 77	0.087
(2) tortilla minor ingredient scale hoppers	EU-PR-TMI-78/79	0.087
one (1) tortilla minor ingredient scale hopper	EU-PR-TMI-36	0.603
two (2) tortilla minor ingredient scale hoppers	EU-PR-TMI-37/38	0.604
(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
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
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

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

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan of this permit is required for these facilities and their control devices.

**Compliance Determination Requirements**

**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) tortilla flour usebin; three (3) flour scale hoppers	EU-PR-FL-35; EU-PR-FL-38/39/40	CE-FL-35
four (4) tortilla mixers	EU-PR-TO-09/10/11/12	CE-TO-09/10/11/12
four (4) tortilla minor ingredient scale hoppers	EU-PR-TMI-36/37/38/39	CE-TMI-36/37/38/39
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.

**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 steps in accordance with Section C - Response to Excursions and Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions and Exceedances 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 of 1.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions and Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions and Exceedances shall be considered a violation of this permit.

<b>Emission Unit</b>	<b>Stack/Vent ID</b>
EU-PR-FL-31/32/33/34	CE-FL-31/32/33/34
EU-PR-FL-36/37	CE-FL-36/37
EU-PR-TMI-36/37/38/39	CE-TMI-36/37/38/39
EU-PR-FB-30/31	CE-FB-30
EU-PR-FMB-01/02	CE-FMB-02
EU-FMB-03	CE-FBM-03
EU-FBM-04	CE-FBM-04
EU-PR-MA-45/53	CE-MA-45
EU-PR-CR-39/40/41/42	CE-CR-39/40/41/42
EU-PR-FL-35/41	CE-FL-35/41
EU-PR-FL-38/39/40	CE-FL-35
EU-PR-55/56	CE-MA-55

- (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 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.

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

### **D.1.8 Record Keeping Requirements**

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- (a) To document compliance 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 compliance 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 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) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

### **D.1.9 Reporting Requirements**

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A quarterly summary of the information to document compliance with Condition D.1.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by an Authorized individual@ as defined by 326 IAC 2-1.1-1(1).

**SECTION D.2**

**EMISSIONS UNIT OPERATION CONDITIONS**

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

- (g) One (1) boiler, identified as EU-PR-BR-01, constructed in 1994/1995, fired by propane or natural gas, exhausting through stack EP-Boiler, heat input capacity: 6.3 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 [326 IAC 6-2-4]**

- (a) Pursuant to 326 IAC 6-2-4 (a), for total heat input capacities less than 10 million British thermal units per hour, the PM emissions shall not exceed 0.6 pounds per million British thermal units heat input.

### SECTION D.3

### EMISSIONS UNIT OPERATION CONDITIONS

#### **Emissions Unit Description [326 IAC 2-8-4(10)]: Insignificant Activities**

- (d) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. This is a parts washer using only non-HAP materials. [326 IAC 8-3-2] [326 IAC 8-3-5]

(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.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]**

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the Permittee shall:

- (a) equip the cleaner with a cover;
- (b) equip the cleaner with a facility for draining cleaned parts;
- (c) close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) provide a permanent, conspicuous label summarizing the operating requirements;
- (f) store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

##### **D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]**

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

- (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
  - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF));
  - (B) The solvent is agitated; or
  - (C) The solvent is heated.
- (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

- (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
  - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
  - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC) (one hundred twenty degrees Fahrenheit (120EF)):
    - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
    - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
    - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
  - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
  - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

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

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

Source Name: Tyson Foods, Inc., Mexican Original  
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
Mailing Address: 1355 W. Tyson Road, Portland, 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:

**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 Foods, Inc., Mexican Original  
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
Mailing Address: 1355 W. Tyson Road, Portland, 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"><li>• The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and</li><li>• The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16</li></ul> |
|--|

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

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

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

**Page 2 of 2**

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

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

A certification is not required for this report.

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

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
SEMI- ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Tyson Foods, Inc., Mexican Original  
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
Mailing Address: 1355 W. Tyson Road, Portland, 47371  
FESOP Permit No.: F075-26199-00022  
Facility: One (1) boiler, identified as EU-PR-BR-01

<input type="checkbox"/> Natural Gas Only <input type="checkbox"/> Alternate Fuel burned From: _____ To: _____
--

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature: _____
Printed Name: _____
Title/Position: _____
Date: _____

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
 Mailing 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 and PM<sub>10</sub> emissions  
 Limit: 45,896 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 2.31 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
 Mailing 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 and PM<sub>10</sub> emissions  
 Limit: 45,896 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 0.429 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) tortilla flour usebin, identified as EU-PR-FL-35  
 Parameter: Total flour input; PM and PM<sub>10</sub> emissions  
 Limit: 37,531 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 3.82 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
Mailing Address: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP No.: F075-26199-00022  
Facility: Three (3) tortilla scale hoppers, identified as EU-PR-FL-38 through 40  
Parameter: Total flour input; PM and PM<sub>10</sub> emissions  
Limit: 37,531 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 2.38 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
 Mailing Address: 1355 W. Tyson Road, Portland, Indiana 47371  
 FESOP No.: F075-26199-00022  
 Facility: Three (3) tortilla mixers, identified as EU-PR-TO-09 through 11  
 Parameter: Total raw materials, excluding water, input; PM and PM<sub>10</sub> emissions  
 Limit: 45,622 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 11.0 tons of PM and PM<sub>10</sub> per year

YEAR:

Month	Total raw materials (excluding water) input (tons)	Total raw materials (excluding water) input (tons)	Total raw materials (excluding water) 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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
 Mailing Address: 1355 W. Tyson Road, Portland, Indiana 47371  
 FESOP No.: F075-26199-00022  
 Facility: Thirty-eight (38) tortilla minor ingredient usebins, identified as EU-PR-TMI-40 thru 77  
 Parameter: Total ingredients input; PM and PM<sub>10</sub> emissions  
 Limit: 1,317 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 0.057 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
Mailing Address: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP No.: F075-26199-00022  
Facility: Two (2) tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-78 and 79  
Parameter: Total ingredients input; PM and PM<sub>10</sub> emissions  
Limit: 3,284 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 0.143 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) tortilla minor ingredient scale hopper, identified as EU-PR-TMI-36  
 Parameter: Total ingredients input; PM and PM<sub>10</sub> emissions  
 Limit: 1,095 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.330 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
Mailing Address: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP No.: F075-26199-00022  
Facility: Two (2) tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-37 and 38  
Parameter: Total ingredients input; PM and PM<sub>10</sub> emissions  
Limit: 2,189 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 0.661 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) flatbread flour usebin, identified as EU-PR-FB-30,  
 Parameter: Total flour input; PM and PM<sub>10</sub> emissions  
 Limit: 8,365 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.227 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) flatbread scale hopper, identified as EU-PR-FB-31  
 Parameter: Total flour input; PM and PM<sub>10</sub> emissions  
 Limit: 8,365 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.227 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) flatbread mixer, identified as EU-PR-FB-32  
 Parameter: Total raw materials, excluding water, input; PM and PM<sub>10</sub> emissions  
 Limit: 10,931 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 2.65 tons of PM and PM<sub>10</sub> per year

YEAR:

Month	Total raw materials (excluding water) input (tons)	Total raw materials (excluding water) input (tons)	Total raw materials (excluding water) 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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) flatbread minor ingredient hand dumper, identified as EU-PR-FBM-01  
 Parameter: Total ingredients input; PM and PM<sub>10</sub> emissions  
 Limit: 1,420 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.227 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) flatbread minor ingredient usebin, identified as EU-PR-FBM-02  
 Parameter: Total ingredients input; PM and PM<sub>10</sub> emissions  
 Limit: 1,420 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.227 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
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) flatbread minor ingredient scale hopper, identified as EU-FBM-03  
Parameter: Total ingredients input; PM and PM<sub>10</sub> emissions  
Limit: 1,420 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.145 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
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) flatbread minor ingredient pre-mix hopper, identified as EU-FBM-04  
Parameter: Total ingredients input; PM and PM<sub>10</sub> emissions  
Limit: 1,420 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.145 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
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) primary masa usebin, identified as EU-PR-MA-45  
Parameter: Total masa input; PM and PM<sub>10</sub> emissions  
Limit: 12,012 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.151 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
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) primary masa scale hopper, identified as EU-PR-MA-53  
Parameter: Total masa input; PM and PM<sub>10</sub> emissions  
Limit: 12,012 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.151 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) taco shell mixer, identified as EU-PR-MA-52  
 Parameter: Total raw materials, excluding water, input; PM and PM<sub>10</sub> emissions  
 Limit: 12,252 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.079 tons of PM and PM<sub>10</sub> per year

YEAR:

Month	Total raw materials (excluding water) input (tons)	Total raw materials (excluding water) input (tons)	Total raw materials (excluding water) 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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
 Mailing 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 and PM<sub>10</sub> emissions  
 Limit: 14,190 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 5.68 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
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) whole corn truck unloading station, identified as EU-PR-CR-39  
Parameter: Total whole corn input; PM and PM<sub>10</sub> emissions  
Limit: 9,198 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 1.07 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
Source Address: 1355 W. Tyson Road, Portland, Indiana 47371  
Mailing 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 and PM<sub>10</sub> emissions  
Limit: 9,198 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month, equivalent to 1.26 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) whole corn scale hopper, identified as EU-PR-CR-42.  
 Parameter: Total whole corn input; PM and PM<sub>10</sub> emissions  
 Limit: 9,198 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.248 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
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 fryer, identified as EU-PR-CLF-2  
Parameter: Total chips input; PM and PM<sub>10</sub> emissions  
Limit: 9,198 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 3.68 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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 and PM<sub>10</sub> emissions  
 Limit: 9,198 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 3.68 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**FESOP Quarterly Report**

Source Name: Tyson Foods, Inc., Mexican Original  
 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) salt tank, identified as EU-PR-SA-01  
 Parameter: Total salt input; PM and PM<sub>10</sub> emissions  
 Limit: 109,500 tons per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 0.619 tons of PM and PM<sub>10</sub> per year

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: \_\_\_\_\_

Attach a signed certification to complete this report.

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

**Months:** \_\_\_\_\_ **to** \_\_\_\_\_ **Year:** \_\_\_\_\_

<p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. 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 ANo deviations occurred this reporting period@.</p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

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

Form Completed by: \_\_\_\_\_

Title / Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

Technical Support Document (TSD) for a Federally Enforceable State Operating Permit  
Renewal

**Source Background and Description**

<b>Source Name:</b>	<b>Tyson Foods, Inc., Mexican Original</b>
<b>Source Location:</b>	<b>1355 W. Tyson Road, Portland, IN 47371-7997</b>
<b>County:</b>	<b>Jay</b>
<b>SIC Code:</b>	<b>2096, 2041</b>
<b>Permit Renewal No.:</b>	<b>F075-26199-00022</b>
<b>Permit Reviewer:</b>	<b>Christine L. Filutze</b>

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from Tyson Foods, Inc., Mexican Original relating to the operation of a stationary taco shell, corn chip, tortilla and flatbread manufacturing source.

**History**

On March 3, 2008, Tyson Foods, Inc., Mexican Original submitted an application to the OAQ requesting to renew its operating permit. Tyson Foods, Inc., Mexican Original was issued FESOP No. F075-17765-00022 on December 3, 2003.

**Permitted Emission Units and Pollution Control Equipment**

- (a) One (1) flour silo system, constructed in 1994/95, 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.
  - (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, and exhausting inside, capacity: 24,000 pounds of flour per hour, each.
- (b) One (1) tortilla production process, constructed in 1994/95, producing a maximum of 14,880 pounds of tortillas per hour, including:
  - (1) One (1) tortilla flour 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) Three (3) tortilla scale hoppers, identified as EU-PR-FL-38 through 40, equipped with a baghouse, identified as CE-FL-35, and exhausting inside, capacity: 15,000 pounds of flour per hour, each.
  - (3) Three (3) tortilla mixers, identified as EU-PR-TO-09 through 11, equipped with filters, identified as CE-TO-09 through 11, respectively, and exhausting inside, capacity: 3,472 pounds of raw materials, excluding water, per hour, each.
  - (4) Six (6) sets of pressed tortilla forming equipment.
  - (5) Six (6) propane and natural gas-fired tortilla ovens, identified as EU-PR-TO-02 through 07 (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 through 7, respectively; capacity: 2,480 pounds per hour each.

- (6) Tortilla cooling, packing and shipping.
  - (7) One (1) tortilla minor ingredients system consisting of:
    - (A) Thirty-eight (38) 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 per hour, total.
    - (B) Two (2) 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 per hour each.
    - (C) Three (3) tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-36 through 38, each equipped with a baghouse, identified as CE-TMI-36 through 38, respectively, and exhausting inside; capacity for EU-PR-TMI-36 is 12,000 pounds per hour and capacity for EU-PR-TMI-37 and EU-TMI-38 is 12,000 per hour.
- (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-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 mixer, identified as EU-PR-FB-32, equipped with a filter, identified as CE-FB-32, and exhausting inside, capacity: 2,496 pounds of raw materials, excluding water, per hour.
  - (4) One (1) set of flatbread forming equipment.
  - (5) One (1) propane and 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.
  - (6) Flatbread cooling, packing and shipping.
  - (7) 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 baghouse, identified as CE-FBM-04, and exhausting inside, capacity: 15,000 pounds 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:
- (1) One (1) primary 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 masa per hour.
  - (2) One (1) masa manual unloading, identified as EU-PR-MA-45, equipped with a baghouse, identified as CE-MA-45, and exhausting inside, with an input capacity of 9000 pounds per hour.
  - (3) One (1) primary 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 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, per hour.
  - (5) Three (3) natural gas and propane-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 propane or natural gas-fired heat exchanger, identified as EU-PR-TS-27, 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 chip production process, constructed in 1994/95, producing a maximum of 2,100 pounds of corn chips per hour, including:
- (1) One (1) whole corn truck unloading station, identified as EU-PR-CR-39, equipped with a baghouse identified as CE-CR-39 and exhausting through stack EP-39, capacity: 30,000 pounds of corn per hour.
  - (2) Two (2) whole corn silos, identified as EU-PR-CR-40 and 41, 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 corn per hour, each, and 30,000 pounds of 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, equipped with a baghouse, identified as CE-CR-42, and exhausting inside, capacity: 9,000 pounds of corn per hour.

- (4) Two (2) corn cooking kettles, capacity: 2,121 pounds of raw materials per hour, total.
- (5) One (1) whole corn transfer tank, capacity: 2,100 pounds per hour.
- (6) Twelve (12) whole corn holding tanks, capacity: 2,100 pounds per hour, total.
- (7) One (1) wet corn grinder, capacity: 2,100 pounds per hour.
- (8) One (1) natural gas and propane-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.
- (9) One (1) chip fryer, identified as EU-PR-CLF-2, equipped with a propane or 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.
- (10) One (1) chip conveyor, identified as EU-PR-CLAC-2, exhausting to stack EP-CLAC-2, capacity: 2,100 pounds per hour.
- (11) One (1) salt tumbler.
- (12) Corn chip packing and shipping.
- (f) 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.
- (g) One (1) boiler, identified as EU-PR-BR-01, constructed in 1994/1995, fired by propane or natural gas, exhausting through stack EP-Boiler, heat input capacity: 6.3 million British thermal units per hour.
- (h) One (1) hot water heater, identified as EU-PR-WH-02, fired by propane or natural gas, exhausting through stack EP-WH, constructed in 1994, capacity: 7.0 million British thermal units per hour.
- (i) One (1) baked chip (masa) process line, including the following:
  - (1) One (1) primary masa (baked chip) usebin, identified as EU-PR-MA-55, with a processing capacity of 7,500 pounds per hour, equipped with baghouse CE-MA-55 and exhausting to the indoors, and constructed in 2005, capacity: 7,500 pounds per hour.
  - (2) One (1) baked chip masa scale hopper, identified as EU-PR-MA-56, with a capacity of 9000 pounds per hour, venting to baghouse CE-MA-55 and exhausting to the indoors, and constructed in 2005, capacity: 9,000 pounds per hour.
  - (3) One (1) chip shell mixer, identified as EU-PR-MA-57, equipped with filter sock CE-MA-57, constructed in 2005, capacity: 13,410 pounds per hour.
  - (4) One (1) baked chip masa natural gas-fired oven, identified as EU-PR-BC-01, also capable of burning propane, exhausting to stack EP-BC-01, constructed in 2005, heat input capacity: 8.5 million British thermal units per hour.

### **Emission Units and Pollution Control Equipment Constructed and/or Operated without a Permit**

The source also consists of the following emission units that were constructed and/or is operating without a permit:

- (a) One (1) masa manual unloading, identified as EU-PR-MA-54, and totally enclosed (no vent, no baghouse), constructed in 2005, capacity: 11,350 pounds per hour.
- (b) One (1) 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) minor ingredient scale hopper, identified as EU-PR-TMI-39, with a capacity of 176 pounds per hour, equipped with baghouse CE-TMI-39, exhausting to the indoors, and constructed in 2008, capacity: 176 pounds per hour.
  - (3) One (1) mixer, identified as EU-PR-TO-12, equipped with filter sock CE-TO-12, constructed in 2008, capacity: 3,472 pounds 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 per hour.
  - (5) One (1) chunker with conveyor, constructed in 2008.
  - (6) One (1) divider, constructed in 2008.
  - (7) One (1) proofer, constructed in 2008.
  - (8) One (1) press, constructed in 2008.
  - (9) One (1) cooling conveyor, constructed in 2008.
  - (10) One (1) vision system, constructed in 2008.
  - (11) One (1) counter stacker/indexer, constructed in 2008.
  - (12) One (1) bagger, constructed in 2008.

These units are of the same type and capacity and will comply with the same applicable requirements, permit terms, and conditions as the permitted taco shell, corn chip, tortilla, and flatbread manufacturing processes contained in FESOP No. 075-17765-00022. The addition of these units will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3. Therefore, no permit action is required to construct and operate these units.

### **Emission Units and Pollution Control Equipment Removed From the Source**

- (a) Two (2) usebins, identified as EU-PR-FL-41 and EU-PR-FL-42, each equipped with a baghouse, identified as CE-FL-41 and CE-FL-42, capacity: 24,000 pounds of flour per hour, each.

- (b) One (1) airlock, identified as EU-PR-MA-44A, equipped with a filter sock, identified as CE-MA-44A, and exhausting inside.
- (c) One (1) masa tote manual unloading equipped with a baghouse, identified as CE-MA-44B.
- (d) One (1) Masa Tote Bin, emptied by gravity, identified as EU-PR-MA-54A, exhausting into an enclosed area, with no vent or baghouse, and constructed in 1994.
  - (1) One (1) masa tote airlock, equipped with filter sock CE-MA-54A to control emissions from the airlock and masa tote bin.
  - (2) One (1) manual unloading for the Masa Tote, identified as EU-PR-MA-54B, equipped with baghouse CE-MA-54B.

### 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 and propane 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 and propane 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.
- (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) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. This is a parts washer using only non-HAP materials. [326 IAC 8-3-2] [326 IAC 8-3-5]
- (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) One (1) propane tank.
  - (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.
  - (7) One (1) CO<sub>2</sub> tank.
- (m) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]

### Existing Approvals

Since the issuance of the FESOP F075-17765-00022 on December 3, 2003, the source has constructed or has been operating under the following approvals as well:

- (a) Administrative Amendment No. 075-18759-00022, issued on March 12, 2004;
- (b) Significant Permit Revision No. 075-18526-00022, issued on July 14, 2004; and
- (c) Administrative Amendment No. 075-19437-00022, issued on August 10, 2004.

All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit.

The following terms and conditions from previous approvals have been determined no longer applicable; therefore, were not incorporated into this FESOP Renewal:

- (a) All construction conditions from all previously issued permits.

Reason not incorporated: All facilities previously permitted have already been constructed; therefore, the construction conditions are no longer necessary as part of the operating permit. Any facilities that were previously permitted but have not yet been constructed would need new pre-construction approval before beginning construction.

### Enforcement Issue

The one (1) masa manual unloading process, identified as EU-PR-MA-54, the one (1) flour scale hopper, identified as EU-PR-FL-41, the one (1) minor ingredient scale hopper, identified as EU-

PR-TMI-39, the one (1) mixer, identified as EU-PR-TO-12, and the one (1) natural gas-fired oven, identified as EU-PR-TO-01, are of the same type and capacity and will comply with the same applicable requirements, permit terms, and conditions as the permitted taco shell, corn chip, tortilla, and flatbread manufacturing processes contained in FESOP No. 075-17765-00022. The new processes will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3. These changes to the permit are considered a change by administrative amendment pursuant to 326 IAC 2-8-10(a)(14). Therefore, there are no enforcement actions pending.

**Emission Calculations**

See Appendix A of this document for detailed emission calculations.

**County Attainment Status**

The source is located in Jay County

Pollutant	Designation
SO <sub>2</sub>	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O <sub>3</sub>	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard. <sup>1</sup>
PM <sub>10</sub>	Unclassifiable effective November 15, 1990.
NO <sub>2</sub>	Cannot be classified or better than national standards.
Pb	Not designated.
<sup>1</sup> Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM2.5.	

- (a) **Ozone Standards**  
 Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Jay County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) **PM2.5**  
 Jay County has been classified as attainment for PM2.5. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM2.5 emissions, and the effective date of these rules was July 15<sup>th</sup>, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.
- (c) **Other Criteria Pollutants**  
 Jay County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (d) **Fugitive Emissions**  
 Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

### Unrestricted Potential Emissions

This table reflects the unrestricted potential emissions of the source.

Pollutant	tons/year
PM	915.68
PM <sub>10</sub>	915.07
PM <sub>2.5</sub>	915.07
SO <sub>2</sub>	5.74
NO <sub>x</sub>	87.36
VOC	11.87
CO	32.79
HAPs	0.50

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of PM and PM10 is equal to or greater than 100 tons per year. The source is subject to the provisions of 326 IAC 2-7. However, the source has agreed to limit their PM and PM10 emissions to less than Title V levels, therefore the source will be issued a FESOP.
- (b) The potential to emit (as defined in 326 IAC 2-7-1(29)) of all other criteria pollutants are less than 100 tons per year.
- (c) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is less than twenty-five (25) tons per year.

Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-7, fugitive emissions are not counted toward the determination of Part 70 applicability.

### Potential to Emit After Issuance

The source has opted to remain a FESOP source. The table below summarizes the potential to emit, reflecting all limits of the emission units. Any control equipment is considered enforceable only after issuance of this FESOP and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/ Emission Unit	Potential To Emit (tons/year) After Issuance								Single Highest HAP
	PM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO	HAPs	
Flour System (4 silos; 2 sifters)	< 2.74	< 2.74	< 2.74	0.00	0.00	0.00	0.00	0.00	0.00
Tortilla Minor Ingredients	< 0.99	< 0.99	< 0.99	0.00	0.00	0.00	0.00	0.00	0.00
Flatbread	< 0.45	< 0.45	< 0.45	0.00	0.00	0.00	0.00	0.00	0.00
Flatbread Minor Ingredients	< 0.74	< 0.74	< 0.74	0.00	0.00	0.00	0.00	0.00	0.00
Taco Shells	< 0.30	< 0.30	< 0.30	0.00	0.00	0.00	0.00	0.00	0.00
Corn Chips	< 2.58	< 2.58	< 2.58	0.00	0.00	0.00	0.00	0.00	0.00
Salt	< 0.62	< 0.62	< 0.62	0.00	0.00	0.00	0.00	0.00	0.00
Tortilla Production	< 6.20	< 6.20	< 6.20	0.00	0.00	0.00	0.00	0.00	0.00
Flatbread Production (mixer)	< 2.65	< 2.65	< 2.65	0.00	0.00	0.00	0.00	0.00	0.00
Taco Shell Production	< 0.079	< 0.079	< 0.079	0.00	0.00	0.00	0.00	0.00	0.00
Tortilla Production	< 0.20	< 0.20	< 0.20	0.00	0.00	0.00	0.00	0.00	0.00
Flatbread Production (oven)	0.00	0.00	0.00	0.00	0.00	8.21	0.00	0.00	0.00
Taco Shell Production - three (3) fryers	< 5.68	< 5.68	< 5.68	0.00	0.00	0.60	0.00	0.00	0.00
Corn Chip Production	< 7.36	< 7.36	< 7.36	0.00	0.00	0.78	0.00	0.00	0.00
Masa Handling	0.11	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
New Tortilla Line	0.80	0.44	0.44	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.51	2.03	2.03	0.16	26.75	1.47	22.47	0.50	0.48 (Hexane)
Propane Boilers	1.93	1.93	1.93	5.58	61.27	0.81	10.32	0.00	0.00
<b>Total Emissions</b>	<b>33.94</b>	<b>35.05</b>	<b>35.05</b>	<b>5.74</b>	<b>87.36</b>	<b>11.87</b>	<b>32.79</b>	<b>0.50</b>	<b>0.48</b>
<b>Title V Major Source Thresholds</b>	<b>N/A</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>25</b>	<b>10</b>
<b>PSD Major Source Thresholds</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>N/A</b>	<b>N/A</b>

- (a) This existing stationary source is not major for PSD because the emissions of each criteria pollutant are less than two hundred fifty (<250) tons per year, and it is not one of the twenty-eight (28) listed source categories.
- (b) Fugitive Emissions  
 Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

**Federal Rule Applicability**

- (a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit for this source.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in this permit renewal.

### **State Rule Applicability - Entire Source**

#### **326 IAC 2-6 (Emission Reporting)**

This source is located in Jay County and the potential to emit of each criteria pollutant is less than one hundred (100) tons per year. Therefore, 326 IAC 2-6 does not apply.

#### **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 Exemptions), opacity shall meet the following, unless otherwise stated in the 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.

#### **326 IAC 2-2 (Prevention of Significant Deterioration) and 326 IAC 2-8 (FESOP)**

This source, constructed in 1994/1995, has the potential to emit more than 250 tons per year of PM and PM<sub>10</sub>. The total source emissions after controls are less than 250 tons per year of PM and PM<sub>10</sub>, and the applicant has indicated that the control devices are operated at all times when the facilities are in operation (as required by CP075-3803-00022, issued on September 16, 1994) and the facilities at this source have not exceeded their capacities. Therefore, the actual PM and PM<sub>10</sub> emissions since the source was constructed are less than 250 tons per twelve (12) consecutive month period. In order to ensure that the requirements of 326 IAC 2-2 (PSD) are not applicable, the facilities at this source are limited as follows:

Unit Description	Unit ID	Control ID	326 IAC 2-2/2-8 PM/PM10 Allowable Emission (lb/ton)	Limited Annual Input Capacity (tons/yr)	Limited PM/PM10 Emissions (tons/yr)	After Controls PM/PM10 Emissions (tons/yr)
Flour Silos	EU-PR-FL-31/32/33/34	CE-FL-31/32/33/34	0.101	45,896	2.31	2.10
Flour Sifters	EU-PR-FL-36/37	CE-FL-36/37	0.019	45,896	0.43	0.39
Tortilla Flour Usebin	EU-PR-FL-35	CE-FL-35	0.203	37,531	3.82	1.16
Tortilla Scale Hoppers	EU-PR-FL-38/39/40	CE-FL-35	0.127	37,531	2.38	2.17
Tortilla Mixers	EU-PR-TO-09/10/11	CE-TO-09/10/11	0.484	45,622	11.0	10.05
Tortilla Minor Ingredient Usebins	EU-PR-TMI-40 through 77	CE-TMI-40 through 77	0.087	1,317	0.06	0.06
Tortilla Minor Ingredient Scale Hoppers	EU-PR-TMI-78/79	CE-TMI-78/79	0.087	3,284	0.14	0.14
Tortilla Minor Ingredient Scale Hopper	EU-PR-TMI-36	CE-TMI-36	0.603	1,095	0.33	0.30
Tortilla Minor Ingredient Scale Hoppers	EU-PR-TMI-37/38	CE-TMI-37/38	0.604	2,189	0.66	0.60
Flatbread Flour Usebin	EU-PR-FB-30	CE-FB-30	0.054	8,365	0.23	0.21
Flatbread Scale Hopper	EU-PR-FB-31	CE-FB-30	0.054	8,365	0.23	0.21
Flatbread Mixer	EU-PR-FB-32	CE-FB-32	0.484	10,931	2.65	2.41
Flatbread Minor Ingredient Hand Dumper	EU-PR-FBM-01	CE-FBM-02	0.710	1,420	0.23	0.21
Flatbread Minor Ingredient Usebin	EU-PR-FBM-02	CE-FBM-02	0.710	1,420	0.23	0.21
Flatbread Minor Ingredient Scale Hopper	EU-FBM-03	CE-FBM-03	0.452	1,420	0.14	0.13
Flatbread Minor Ingredient Pre-Mix Hopper	EU-FBM-04	CE-FBM-04	0.452	1,420	0.14	0.13
Primary Masa Usebin	EU-PR-MA-45	CE-MA-45	0.136	12,012	0.15	0.09
Primary Masa Scale Hopper	EU-PR-MA-53	CE-MA-45	0.136	12,012	0.15	0.05
Taco Shell Mixer	EU-PR-MA-52	CE-MA-52	0.013	12,252	0.08	0.07
Taco Shell Fryers	EU-PR-TS-20/23/26	EP-TSF-3/4/5	0.800	14,190	5.68	5.68
Whole Corn Truck Unloading Station	EU-PR-CR-39	CE-CR-39	0.233	9,198	1.07	0.98
Whole Corn Silos	EU-PR-CR-40/41	CE-CR-40/41	0.273	9,198	1.26	1.14
Whole Corn Scale Hopper	EU-PR-CR-42	CE-CR-42	0.054	9,198	0.25	0.22
Chip Fryer	EU-PR-CLF-2	EP-CLF-2	0.800	9,198	3.68	3.68
Chip Conveyor	EU-PR-CLAC-2	EP-CLAC-2	0.800	9,198	3.68	3.68
Salt Tank	EU-PR-SA-01	CE-SA-01	0.011	109,500	0.62	0.56

### **State Rule Applicability – Individual Facilities**

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

- (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, and the limitations in the table are based upon the following:

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

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

Unit Description	Unit ID	Control Device	Maximum Process Weight Rate (tons/hour)	326 IAC 6-3-2 Allowable Emission Rate (lbs/hour)	Uncontrolled Particulate Emissions (lbs/hour)
Flour Silo	EU-PR-FL-31	CE-FL-31	18.0	28.4	12.0
	EU-PR-FL-32	CE-FL-32	18.0	28.4	12.0
	EU-PR-FL-33	CE-FL-33	18.0	28.4	12.0
	EU-PR-FL-34	CE-FL-34	18.0	28.4	12.0
Flour Sifter	EU-PR-FL-36	CE-FL-36	12.0	21.7	4.46
	EU-PR-FL-37	CE-FL-37	12.0	21.7	4.46
Tortilla Flour Usebin	EU-PR-FL-35	CE-FL-35	19.5	30.0	42.9 (0.429 after controls)
Tortilla Scale Hoppers	EU-PR-FL-38/39/40	CE-FL-35	19.5	30.0	42.9 (0.429 after controls)
Tortilla Mixer	EU-PR-TO-09	CE-TO-09	1.74	5.93	3.82
	EU-PR-TO-10	CE-TO-10	1.74	5.93	3.82
	EU-PR-TO-11	CE-TO-11	1.74	5.93	3.82
Tortilla Minor Ingredient Scale Hopper	EU-PR-TMI-36	CE-TMI-36	6.0	13.6	6.86
	EU-PR-TMI-37	CE-TMI-37	6.0	13.6	6.86
	EU-PR-TMI-38	CE-TMI-38	6.0	13.6	6.86
Flatbread Flour Usebin; Flatbread Flour Scale Hopper	EU-PR-FB-30/31	CE-FB-30	19.5	30.0	4.71
Flatbread Mixer	EU-PR-FB-32	CE-FB-32	1.25	4.76	2.75
Flatbread Minor Ingredient Hand Dumper; Flatbread Minor Ingredient Usebin	EU-PR-FBM-01/02	CE-FBM-02	1.0	4.10	4.71 (0.047 after controls)
Flatbread Minor Ingredient Pre-Mix Hopper	EU-FBM-04	CE-FBM-04	7.5	15.8	3.0
Masa Tote and Primary Masa Usebin; Primary Masa Scale Hopper	EU-PR-MA-45/53	CE-MA-45	10.5	19.8	3.14
Taco Shell Fryers	EU-PR-TS-20/23/26	EP-TSF-3/4/5	1.62	5.66	1.30
Whole Corn Truck Unloading Station	EU-PR-CR-39	CE-CR-39	15.0	25.2	22.3
Whole Corn Silo	EU-PR-CR-40	CE-CR-40	15.0	25.2	13.0
	EU-PR-CR-41	CE-CR-41	15.0	25.2	13.0
Whole Corn Scale Hopper	EU-PR-CR-42	CE-CR-42	4.5	11.2	5.14
Corn Chip Fryer	EU-PR-CLF-2	EP-CLF-2	1.05	4.24	0.84
Corn Chip Conveyor	EU-PR-CLAC-2	EP-CLAC-2	1.05	4.24	0.84
Salt Tank	EU-PR-SA-01	EP-SA-01	12.5	22.3	0.64

- (b) Pursuant to 6-3-2(e)(2), the allowable particulate emissions for manufacturing processes is 0.551 lbs/hr. The unrestricted potential to emit particulate from the one (1) flatbread minor ingredients scale hopper, identified as EU-FBM-03, the one (1) taco shell mixer, identified as EU-PR-MA-52, the thirty-eight (38) tortilla minor ingredient usebins, identified as EU-PR-TMI-40 through 77, two (2) tortilla minor ingredient scale hoppers, identified as EU-PR-TMI-78 and 79, two (2) corn cooking kettles, one (1) whole corn transfer tank, twelve (12) whole corn holding tanks, one (1) wet corn grinder, the one (1) primary masa usebin, identified as EU-PR-MA-55, the one (1) baked chip masa scale hopper, identified as EU-PR-MA-56, the one (1) masa chip shell mixer, identified as EU-PR-MA-57, the one (1) mixer, identified as EU-PR-TO-12, the one (1) flour scale hopper, identified as EU-PR-FL-41, the one (1) minor ingredient scale hopper, identified as EU-PR-TMI-39, and all ovens are each less than 0.551 pounds per hour, total. Therefore, these processes are not subject to this rule.
- (c) The welding operations at this source consume less than six hundred twenty-five (625) pounds of rod or wire per day. Therefore, pursuant to 326 IAC 6-3-2(b)(9), the requirements of 326 IAC 6-3-2 are not applicable.
- (d) The torch cutting operations at this source cut less than three thousand four hundred (3,400) inches per hour of stock one (1) inch thickness or less. Therefore, pursuant to 326 IAC 6-3-2(b)(10), the requirements of 326 IAC 6-3-2 are not applicable.

#### 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating) - Boiler

The one (1) boiler, identified as EU-PR-BR-01, was constructed after September 23, 1983. Therefore, the boiler is subject to the requirements of 326 IAC 6-2-4. The emission limitations are based on the following equation is given in 326 IAC 6-2-4:

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

where:

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

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

The heat input capacity of the boiler is 6.30 million British thermal units per hour. There were no existing boilers at the source when that boiler was constructed.

$$Pt = 1.09/(6.30)^{0.26} = 0.68 \text{ lb/MMBtu heat input}$$

Pursuant to 326 IAC 6-2-4(a), for Q less than 10 million British thermal units per hour, Pt shall not exceed 0.6. Therefore, the particulate emissions from the one (1) boiler shall not exceed 0.6 pound per million British thermal units.

The PM emissions are higher when operating on propane.

Based on Appendix A, the potential PM emission rate is:

$$\begin{aligned} 0.181 \text{ ton/yr H (2000 lbs/ton / 8760 hrs/yr)} &= 0.041 \text{ lb/hr} \\ (0.041 \text{ lb/hr / 6.30 MMBtu/hr)} &= 0.007 \text{ lb PM per MMBtu, which is less than 0.6} \end{aligned}$$

Therefore, the one (1) boiler, identified as EU-PR-BR-01, is able to comply with this rule.

#### 326 IAC 8-1-6 (New facilities; General reduction requirements)

The potential VOC emissions from the facilities at this source are less than twenty-five (25) tons per year. Therefore, the requirements of 326 IAC 8-1-6 are not applicable.

#### 326 IAC 8-3-2 (Cold Cleaner Operations)

The one (1) insignificant parts washer is subject to the provisions of 326 IAC 8-3-2 (Organic solvent degreasing operations: cold cleaner operations). Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the Permittee shall:

- (a) equip the cleaner with a cover;
- (b) equip the cleaner with a facility for draining cleaned parts;
- (c) close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) provide a permanent, conspicuous label summarizing the operating requirements;
- (f) store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

#### 326 IAC 8-3-5 (Organic Solvent Degreasing Operations)

The one (1) insignificant parts washer is also subject to the provisions of 326 IAC 8-3-5 (Organic solvent degreasing operations: cold cleaner degreaser operation and control) because it was constructed after July 1, 1990, and does not have a remote solvent reservoir. Pursuant to 326 IAC 8-3-5, the Permittee shall:

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Permittee shall ensure that the following control equipment requirements are met:
  - (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
    - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF));
    - (B) The solvent is agitated; or
    - (C) The solvent is heated.
  - (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at

thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

- (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
  - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
  - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC) (one hundred twenty degrees Fahrenheit (120EF)):
    - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
    - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
    - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
  - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
  - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

#### 326 IAC 9-1 (Carbon Monoxide Emission Rules)

There is no CO emission limitation established by 326 IAC 2 for this source. Therefore, pursuant to 326 IAC 9-1-1, the requirements of 326 IAC 9-1 are not applicable.

#### **Compliance Determination and Monitoring Requirements**

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions. However, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

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

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

- (a) The compliance monitoring requirements applicable to all baghouses at the plant controlling particulate emissions from each of the manufacturing operations are as follows:
- (1) The Permittee shall perform daily visible emission notations of each baghouse stack exhausts venting to the atmosphere; and
  - (2) The Permittee shall perform daily pressure drop readings of each baghouse.

The pressure drop across each of the baghouses shall be maintained within the ranges specified in the following table or a range established during the latest stack test.

Emission Unit	Stack/Vent ID	Pressure Drop Range (inches of water)
EU-PR-FL-31/32/33/34	CE-FL-31/32/33/34	1 - 6
EU-PR-FL-36/37	CE-FL-36/37	1 - 6
EU-PR-TMI-36/37/38/39	CE-TMI-36/37/38/39	1 - 6
EU-PR-FB-30/31	CE-FB-30	1 - 6
EU-PR-FMB-01/02	CE-FMB-02	1 - 6
EU-FMB-03	CE-FBM-03	1 - 6
EU-FBM-04	CE-FBM-04	1 - 6
EU-PR-MA-45/53	CE-MA-45	1 - 6
EU-PR-CR-39/40/41/42	CE-CR-39/40/41/42	1 - 6
EU-PR-FL-35/41	CE-FL-35/41	1 - 6
EU-PR-FL-38/39/40	CE-FL-35	1 - 6
EU-PR-55/56	CE-MA-55	1 - 6

These monitoring conditions are necessary because each of the baghouses must operate properly to ensure compliance with 326 IAC 6-3 (Process Operations) and 326 IAC 2-8 (FESOP).

**Recommendation**

The staff recommends to the Commissioner that the FESOP Renewal No. F075-26199-00022 be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on March 3, 2008. Additional information was received on March 17, 2008, September 25, 2008, January 12, 2009, January 20, 2009, February 24, 2009, and March 3, 2009.

## **Conclusion**

The operation of this stationary taco shell, corn chip, tortilla and flatbread manufacturing source shall be subject to the conditions of the attached FESOP Renewal No. F075-26199-00022.

**Appendix A: Emission Calculations  
Summary PTE - Before Controls**

**Company Name:** Tyson Foods, Inc., Mexican Original  
**Address City IN Zip:** 1355 W. Tyson Road, Portland, Indiana 47371  
**FESOP:** F075-26199-00022  
**Reviewer:** Christine L. Filutze  
**Date:** March 24, 2009

**Potential To Emit (PTE) Before Controls - tons per year (tpy)**

Emission Source	Emission Source ID	PM	PM10	PM2.5	SO <sub>2</sub>	NOx	VOC	CO	HAPs	Highest Single HAP
Flour System (4 silos; 2 sifters)	EU-PR-FL-31/32/33/34; EU-PR-FL-36/37	249.28	249.28	249.28	0.00	0.00	0.00	0.00	0.00	0.48 Hexane (See Natural Gas)
Tortilla Minor Ingredients	EU-PR-TMI-36/37/38	90.10	90.10	90.10	0.00	0.00	0.00	0.00	0.00	
Flatbread	EU-PR-FB-30 and 31	20.65	20.65	20.65	0.00	0.00	0.00	0.00	0.00	
Flatbread Minor Ingredients	EU-PR-FBM-01/02/03/04	34.45	34.45	34.45	0.00	0.00	0.00	0.00	0.00	
Taco Shells	EU-PR-MA-45; EU-PR-MA-53	13.74	13.74	13.74	0.00	0.00	0.00	0.00	0.00	
Corn Chip	EU-PR-CR-39/40/41/42	234.27	234.27	234.27	0.00	0.00	0.00	0.00	0.00	
Salt	EU-PR-SA-01	2.82	2.82	2.82	0.00	0.00	0.00	0.00	0.00	
Tortilla Production	EU-PR-TO-09/10/11; EU-PR-FL-35; EU-PR-FL-38/39/40	238.09	238.09	238.09	0.00	0.00	0.00	0.00	0.00	
Flatbread Production (mixer)	EU-PR-FB-32	12.03	12.03	12.03	0.00	0.00	0.00	0.00	0.00	
Taco Shell Production	EU-PR-MA-52	0.36	0.36	0.36	0.00	0.00	0.00	0.00	0.00	
Tortilla Production	EU-PR-TMI-40 thru 77; EU-PR-TMI-78/79	0.57	0.57	0.57	0.00	0.00	0.00	0.00	0.00	
Flatbread Production (oven)	EU-PR-FB-28	see combustion	0.00	0.00	0.00	0.00	8.21	0.00	0.00	
Taco Shell Production - three (3) fryers	EU-PR-TS-20, 23 and 26	5.68	5.68	5.68	0.00	0.00	0.60	0.00	0.00	
Corn Chip Production	EU-PR-CL-14/16	7.36	7.36	7.36	0.00	0.00	0.78	0.00	0.00	
Masa Handling	EU-PR-MA-54/55/56/57	3.06	1.28	1.28	0.00	0.00	0.00	0.00	0.00	
New Tortilla Line	EU-PR-FL-41; EU-PR-TMI-39; EU-PR-TO-01	0.80	0.44	0.44	0.00	0.00	0.00	0.00	0.00	
Natural Gas	See Natural Gas Emissions Spreadsheet	0.51	2.03	2.03	0.16	26.75	1.47	22.47	0.50	
Propane Boilers	See Propane Boilers Emissions Spreadsheet	1.93	1.93	1.93	5.58	61.27	0.81	10.32	0.00	
<b>Totals</b>		<b>915.68</b>	<b>915.07</b>	<b>915.07</b>	<b>5.74</b>	<b>87.36</b>	<b>11.87</b>	<b>32.79</b>	<b>0.50</b>	

**Appendix A: Emission Calculations  
Summary - PTE After Controls and Limits**

**Company Name: Tyson Foods, Inc., Mexican Original  
Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP: F075-26199-00022  
Reviewer: Christine L. Filutze  
Date: March 24, 2009**

**PTE After Controls and Limits - tons per year (tpy)**

Emission Source	Emission Source ID	PM	PM10	PM2.5	SO <sub>2</sub>	NOx	VOC	CO	HAPs	Highest Single HAP
Flour System (4 silos; 2 sifters)*	EU-PR-FL-31/32/33/34; EU-PR-FL-36/37	2.74	2.74	2.74	0.00	0.00	0.00	0.00	0.00	0.48 Hexane (See Natural Gas)
Tortilla Minor Ingredients*	EU-PR-TMI-36/37/38	0.99	0.99	0.99	0.00	0.00	0.00	0.00	0.00	
Flatbread*	EU-PR-FB-30 and 31	0.45	0.45	0.45	0.00	0.00	0.00	0.00	0.00	
Flatbread Minor Ingredients*	EU-PR-FBM-01/02/03/04	0.74	0.74	0.74	0.00	0.00	0.00	0.00	0.00	
Taco Shells*	EU-PR-MA-45; EU-PR-MA-53	0.30	0.30	0.30	0.00	0.00	0.00	0.00	0.00	
Corn Chip*	EU-PR-CR-39/40/41/42	2.58	2.58	2.58	0.00	0.00	0.00	0.00	0.00	
Salt*	EU-PR-SA-01	0.62	0.62	0.62	0.00	0.00	0.00	0.00	0.00	
Tortilla Production*	EU-PR-TO-09/10/11; EU-PR-FL-35; EU-PR-FL-38/39/40	6.20	6.20	6.20	0.00	0.00	0.00	0.00	0.00	
Flatbread Production (mixer)*	EU-PR-FB-32	2.65	2.65	2.65	0.00	0.00	0.00	0.00	0.00	
Taco Shell Production*	EU-PR-MA-52	0.079	0.079	0.079	0.00	0.00	0.00	0.00	0.00	
Tortilla Production*	EU-PR-TMI-40 thru 77; EU-PR-TMI-78/79	0.20	0.20	0.20	0.00	0.00	0.00	0.00	0.00	
Flatbread Production (oven)	EU-PR-FB-28	see combustion	see combustion	see combustion	0.00	0.00	8.21	0.00	0.00	
Taco Shell Production - three (3) fryers*	EU-PR-TS-20, 23 and 26	5.68	5.68	5.68	0.00	0.00	0.60	0.00	0.00	
Corn Chip Production*	EU-PR-CL-14/16	7.36	7.36	7.36	0.00	0.00	0.78	0.00	0.00	
Masa Handling**	EU-PR-MA-54/55/56/57	0.11	0.05	0.05	0.00	0.00	0.00	0.00	0.00	
New Tortilla Line	EU-PR-FL-41; EU-PR-TMI-39; EU-PR-TO-01	0.80	0.44	0.44	0.00	0.00	0.00	0.00	0.00	
Natural Gas	See Natural Gas Emissions Spreadsheet	0.51	2.03	2.03	0.16	26.75	1.47	22.47	0.50	
Propane Boilers	See Propane Boilers Emissions Spreadsheet	1.93	1.93	1.93	5.58	61.27	0.81	10.32	0.00	
<b>Totals</b>		<b>33.94</b>	<b>35.05</b>	<b>35.05</b>	<b>5.74</b>	<b>87.36</b>	<b>11.87</b>	<b>32.79</b>	<b>0.50</b>	

\* Limited

\*\*Not Limited, But After Controls

**Appendix A: Emission Calculations  
Ingredients**

**Company Name: Tyson Foods, Inc., Mexican Original  
Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP: F075-26199-00022  
Reviewer: Christine L. Filutze  
Date: March 24, 2009**

Unit ID	Description	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 Capacity (lbs/hr)	Allowable Particulate based on 326 IAC 6-3-2 (lbs/hr)	Limited Annual Input Capacity (tons/yr)	Allowable PM 326 IAC 2-2 (lbs/ton)	Allowable PM-10 326 IAC 2-8 (lbs/ton)	Limited PTE PM 326 IAC 2-2 (tons/yr)	Limited PTE PM-10 326 IAC 2-8 (tons/yr)
<b>Flour System</b>																	
EU-PR-FL-31	One (1) flour silc	EU-PR-FL-31	CE-FL-31	99.0%	0.0200	700	12.00	52.6	0.1200	0.526	36,000	28.4	45,896	0.101	0.101	2.313	2.313
EU-PR-FL-32	One (1) flour silc	EU-PR-FL-32	CE-FL-32	99.0%	0.0200	700	12.00	52.6	0.1200	0.526	36,000	28.4	above total for all silc:	same as above	same as above	with above	with above
EU-PR-FL-33	One (1) flour silc	EU-PR-FL-33	CE-FL-33	99.0%	0.0200	700	12.00	52.6	0.1200	0.526	36,000	28.4	above total for all silc:	same as above	same as above	with above	with above
EU-PR-FL-34	One (1) flour silc	EU-PR-FL-34	CE-FL-34	99.0%	0.0200	700	12.00	52.6	0.1200	0.526	36,000	28.4	above total for all silc:	same as above	same as above	with above	with above
EU-PR-FL-36	One (1) flour sifter	EU-PR-FL-36	CE-FL-36	99.0%	0.0200	260	4.46	19.5	0.0446	0.195	24,000	21.7	45,896	0.0187	0.0187	0.429	0.429
EU-PR-FL-37	One (1) flour sifter	EU-PR-FL-37	CE-FL-37	99.0%	0.0200	260	4.46	19.5	0.0446	0.195	24,000	21.7	above total for sifter:	same as above	same as above	with above	with above
<b>Tortilla Minor Ingredients:</b>																	
EU-PR-TMI-36	One (1) tortilla minor ingredients scale hopper	EU-PR-TMI-36	CE-TMI-36	99.0%	0.0200	400	6.86	30.0	0.0686	0.300	12,000	13.62	1,095	0.603	0.603	0.330	0.330
EU-PR-TMI-37	One (1) tortilla minor ingredients scale hopper	EU-PR-TMI-37	CE-TMI-37	99.0%	0.0200	400	6.86	30.0	0.0686	0.300	12,000	13.62	2,189	0.604	0.604	0.661	0.661
EU-PR-TMI-38	One (1) tortilla minor ingredients scale hopper	EU-PR-TMI-38	CE-TMI-38	99.0%	0.0200	400	6.86	30.0	0.0686	0.300	12,000	13.62	above total for scale hoppers 37 and 38	same as above	same as above	with above	with above
<b>Flatbread</b>																	
EU-PR-FB-30 and 31	One (1) flatbread flour usebin and one (1) flatbread scale hopper	EU-PR-FB-30/31	CE-FB-30	99.0%	0.0200	275	4.71	20.6	0.0471	0.206	39,000	30.0	8,365	0.0543	0.0543	0.227	0.227
<b>Flatbread Minor Ingredients</b>																	
EU-PR-FBM-01 and EU-PR-FBM-02	One (1) flatbread minor ingredients hand dump hopper & One (1) flatbread minor ingredient usebin	EU-PR-FBM-01/02	CE-FBM-02	99.0%	0.0200	275	4.71	20.6	0.0471	0.206	2,000	4.10	1,420	0.710	0.710	0.227	0.227
EU-FBM-03	One (1) flatbread minor ingredients scale hopper	EU-PR-FBM-03	CE-FBM-03	80.0%	0.0200	175	0.15	0.7	0.0300	0.131	15,000	0.551	1,420	0.452	0.452	0.145	0.145
EU-FBM-04	One (1) flatbread minor ingredients premix hopper	EU-PR-FBM-04	CE-FBM-04	99.0%	0.0200	175	3.00	13.1	0.0300	0.131	15,000	15.8	1,420	0.452	0.452	0.145	0.145
<b>Taco Shells</b>																	
EU-PR-MA-45 and EU-PR-MA-53	One (1) primary masa usebin (including two (2) masa totes) and one (1) primary masa scale hopper	EU-PR-MA-45/53	CE-MA-45	99.0%	0.0200	183	3.14	13.7	0.0314	0.137	21,000	19.8	12,012	0.136	0.136	0.151	0.151
<b>Corn Chip</b>																	
EU-PR-CR-39	Whole com truck unloading	EU-PR-CR-39	CE-CR-39	99.0%	0.0200	1300	22.29	97.6	0.2229	0.976	30,000	25.2	9,198	0.233	0.233	1.07	1.07
EU-PR-CR-40	One (1) whole corn silc	EU-PR-CR-40	CE-CR-40	99.0%	0.0200	760	13.03	57.1	0.1303	0.571	30,000	25.2	9,198	0.273	0.273	1.26	1.26
EU-PR-CR-41	One (1) whole corn silc	EU-PR-CR-41	CE-CR-41	99.0%	0.0200	760	13.03	57.1	0.1303	0.571	30,000	25.2	above total for both silc:	same as above	same as above	with above	with above
EU-PR-CR-42	One (1) whole corn scale hopper	EU-PR-CR-42	CE-CR-42	99.0%	0.0200	300	5.14	22.5	0.0514	0.225	9,000	11.2	9,198	0.054	0.054	0.248	0.248
<b>Salt</b>																	
EU-PR-SA-01	One (1) salt tank	EU-PR-SA-01	CE-SA-01	80.0%	0.0200	750	0.64	2.8	0.1286	0.563	25,000	22.3	109,500	0.0113	0.0113	0.619	0.619
							<b>147</b>	<b>645</b>	<b>1.62</b>	<b>7.11</b>		<b>377</b>				<b>8.43</b>	<b>8.43</b>

**Methodology**

Emission Rate in lbs/hr (after controls) = (grains/cub. 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  
 Limited PM based on 326 IAC 2-2 = (Potential to emit after controls x 10% safety factor) / Limited throughput (tons/yr)  
 PM = PM10 = PM2.5

**Appendix A: Emission Calculations  
Production PTE**

Company Name: Tyson Foods, Inc., Mexican Original  
 Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
 FESOP: F075-26199-00022  
 Reviewer: Christine L. Filutze  
 Date: March 24, 2009

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)	Allowable PM 326 IAC 2-2 (lbs/ton)	Allowable PM-10 326 IAC 2-8 (lbs/ton)	Limited PTE PM 326 IAC 2-2 (tons/yr)	Limited PTE PM-10 326 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)	PM (lbs/hr)	PM10=PM2.5 (lbs/hr)						
<b>Tortilla Production</b>																						
One (1) tortilla mixer	EU-PR-TO-09	CE-TO-09	3472	2.2	2.2	3.819	3.819	16.728	16.728	80.0%	0.764	0.764	3.35	3.35	5.93	45622	0.484	0.484	11.0	11.0		
One (1) tortilla mixer	EU-PR-TO-10	CE-TO-10	3472	2.2	2.2	3.819	3.819	16.728	16.728	80.0%	0.764	0.764	3.35	3.35	5.93	above total for 3 mixers	same as above	same as above	above total for 3 mixers	above total for 3 mixers		
One (1) tortilla mixer	EU-PR-TO-11	CE-TO-11	3472	2.2	2.2	3.819	3.819	16.728	16.728	80.0%	0.764	0.764	3.35	3.35	5.93	above total for 3 mixers	same as above	same as above	above total for 3 mixers	above total for 3 mixers		
One (1) tortilla flour usebin	EU-PR-FL-35	CE-FL-35	24000	2.2	2.2	26.4	26.4	115.6	115.6	99.0%	0.264	0.264	1.16	1.16	30.0	37531	0.203	0.203	3.82	3.82		
Three (3) tortilla scale hoppers	EU-PR-FL 38 - 40	CE-FL-35	15000	2.2	2.2	16.5	16.5	72.3	72.3	99.0%	0.165	0.165	0.72	0.72	above total for facilities exhausting to CE-FL-	37531	0.127	0.127	2.38	2.38		
<b>Flatbread Production</b>																						
One (1) flatbread mixer	EU-PR-FB-32	CE-FB-32	2496	2.2	2.2	2.746	2.746	12.026	12.026	80.0%	0.549	0.549	2.41	2.41	4.76	10931	0.484	0.484	2.65	2.65		
<b>Taco Shell Production</b>																						
One (1) taco shell mixer	EU-PR-MA-52	CE-MA-52	2679	0.061	0.061	0.082	0.082	0.358	0.358	80.0%	0.016	0.016	0.072	0.072	0.551	12252	0.013	0.013	0.079	0.079		
<b>Totals</b>						<b>57.2</b>	<b>57.2</b>	<b>250</b>	<b>250</b>		<b>3.29</b>	<b>3.29</b>	<b>14.4</b>	<b>14.4</b>				<b>20.0</b>	<b>20.0</b>			

**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)<sup>0.67</sup>

Limited PM based on 326 IAC 2-2 = (Potential to emit after controls x 10% safety factor) / Limited throughput (tons/yr)

Limited PM based on 326 IAC 2-8 = (Potential to emit PM-10 after controls x 10% safety factor) / Limited throughput (tons/yr)

The three (3) scale hoppers have the same limit as the one (1) tortilla flour usebin because they all exhaust to baghouse CE-FL-35.

Emission factors for the taco shell mixer are from AP-42, Chapter 9.9.1-1, since masa is more like corn than flour.

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.

**Appendix A: Emission Calculations  
Production PTE**

**Company Name: Tyson Foods, Inc., Mexican Original  
Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP: F075-26199-00022  
Reviewer: Christine L. Filutze  
Date: March 24, 2009**

Process	Unit ID	Maximum Capacity (lbs/hr)	SCC	Emission factors			Potential to emit						Allowable Particulate based on 326 IAC 6-3-2 (lbs/hr)	Limited Annual Input Capacity (tons/yr)	Allowable PM 326 IAC 2-2 (lbs/ton)	Allowable PM-10 326 IAC 2-8 (lbs/ton)	Limited PTE PM 326 IAC 2-2 (tons/yr)	Limited PTE PM-10 326 IAC 2-8 (tons/yr)
				PM (lbs/ton)	PM10 (lbs/ton)	VOC (lbs/ton)	PM (lbs/hr)	PM10 (lbs/hr)	VOC (lbs/hr)	PM (tons/yr)	PM10 (tons/yr)	VOC (tons/yr)						
<b>Tortilla Production</b>																		
Six (6) tortilla ovens	EU-PR-TO-02 through 07	14880		see combustion			see combustion			see combustion			0.551	65172	n/a	n/a	n/a	n/a
<b>Tortilla minor ingredients</b>																		
Thirty-eight (38) usebins	EU-PR-TMI-40 through 77	1000	3-02-005-30	0.087	0.087	N/A	0.044	0.044	0.000	0.191	0.191	0.000	0.551	1317	0.087	0.087	0.057	0.057
Two (2) scale hoppers	EU-PR-TMI-78 and 79	2000	3-02-005-30	0.087	0.087	N/A	0.087	0.087	0.000	0.381	0.381	0.000	0.551	3284	0.087	0.087	0.143	0.143
<b>Flatbread Production</b>																		
One (1) oven	EU-PR-FB-28	3750		see combustion			see combustion			see combustion			0.551	16425	n/a	n/a	n/a	n/a
<b>Taco Shell Production</b>																		
Three (3) ovens	EU-PR-TS-19, 22 and 25	3240		see combustion			see combustion			see combustion			0.551	14190	n/a	n/a	n/a	n/a
Three (3) fryers	EU-PR-TS-20, 23 and 26	3240	3-02-036-02	0.80	0.80	0.085	1.30	1.30	0.138	5.68	5.68	0.60	5.66	14190	0.800	0.800	5.68	5.68
<b>Corn Chip Production</b>																		
Two (2) cooking kettles		2121		negligible	negligible	N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.551	9198	negligible	negligible	negligible	negligible
One (1) transfer tank		2100	wet process	negligible	negligible	N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.551	9198	negligible	negligible	negligible	negligible
Twelve (12) holding tanks		2100	wet process	negligible	negligible	N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.551	9198	negligible	negligible	negligible	negligible
One (1) wet corn grinder		2100	wet process	negligible	negligible	N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.551	9198	negligible	negligible	negligible	negligible
One (1) chip oven	EU-PR-CL-13	2100		see combustion			see combustion			see combustion			0.551	9198	negligible	negligible	negligible	negligible
One (1) chip fryer	EU-PR-CLF-2	2100	3-02-036-02	0.8	0.8	0.085	0.840	0.840	0.08925	3.68	3.68	0.39	4.24	9198	0.800	0.800	3.68	3.68
One (1) chip conveyor	EU-PR-CLAC-2	2100	3-02-036-02	0.8	0.8	0.085	0.840	0.840	0.08925	3.68	3.68	0.39	4.24	9198	0.800	0.800	3.68	3.68
Totals							3.11	3.11	2.19	13.6	13.6	9.60					13.2	13.2

Hexane = 1.38

**Methodology**

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, Chapter 9.12.3-3/4

All VOC from frying may be Hexane.

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)<sup>0.67</sup>

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

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.

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

**Company Name: Tyson Foods, Inc., Mexican Original  
Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP: F075-26199-00022  
Reviewer: Christine L. Filutze  
Date: March 24, 2009**

<b>Before Controls</b>		<b>Maximum Throughput</b>			<b>Emission Factor (lbs/ton)</b>			<b>Before Controls (tons/yr)</b>			<b>Before Controls (lbs/hr)</b>			<b>Allowable PM based on 326 IAC 6-3-2 lbs/hr</b>
								<b>Potential to Emit (tons/yr)</b>			<b>Potential to Emit (lbs/hr)</b>			
<b>Masa Handling</b>	<b>Unit ID No.</b>	<b>lbs/hr</b>	<b>tons/hr</b>	<b>tons/yr</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>PM</b>
New Chip Usebin	EU-PR-MA-55	7500	3.75	32850	0.035	0.0078	0.0078	0.57	0.13	0.13	0.13	0.03	0.03	0.551
New Chip Scale Hopper	EU-PR-MA-56	9000	4.5	39420	0.035	0.0078	0.0078	0.69	0.15	0.15	0.16	0.04	0.04	0.551
New Chip Mixer	EU-PR-MA-57	13410	6.71	58736	0.061	0.034	0.034	1.79	0.999	0.999	0.41	0.23	0.23	0.551
<b>Totals</b>								<b>3.06</b>	<b>1.28</b>	<b>1.28</b>	<b>0.70</b>	<b>0.29</b>	<b>0.29</b>	

<b>After Controls</b>		<b>Maximum Throughput</b>			<b>Emission Factor (lbs/ton)</b>			<b>After Controls (tons/yr)</b>			<b>After Controls (lbs/hr)</b>		
								<b>Potential to Emit (tons/yr)</b>			<b>Potential to Emit (lbs/hr)</b>		
<b>Masa Handling</b>	<b>Unit ID No.</b>	<b>lbs/hr</b>	<b>tons/hr</b>	<b>tons/yr</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>
New Chip Usebin	EU-PR-MA-55	7500	3.75	32850	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	9000	4.5	39420	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	13410	6.71	58736	0.061	0.034	0.034	0.36	0.20	0.200	0.082	0.046	0.046
<b>Totals</b>								<b>0.48</b>	<b>0.23</b>	<b>0.23</b>	<b>0.11</b>	<b>0.05</b>	<b>0.05</b>

**Methodology**

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 usebin, manual unloading, and mixer are from AP-42 9.9.1-1 Grain Elevators, Headhouse and internal handling  
 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)  
 PM = PM10 = PM2.5

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

**Company Name: Tyson Foods, Inc., Mexican Original  
Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP: F075-26199-00022  
Reviewer: Christine L. Filutze  
Date: March 24, 2009**

<b>Before Controls</b>		<b>Before Controls (tons/yr)</b>									<b>Before Controls (lbs/hr)</b>			<b>Allowable PM based on 326 IAC 6-3-2 lbs/hr</b>
<b>Unit Description</b>	<b>Unit ID No.</b>	<b>Maximum Throughput</b>			<b>Emission Factor (lbs/ton)</b>			<b>Potential to Emit (tons/yr)</b>			<b>Potential to Emit (lbs/hr)</b>			
		<b>lbs/hr</b>	<b>tons/hr</b>	<b>tons/yr</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>PM</b>	<b>PM10</b>	<b>PM2.5</b>	<b>PM</b>
Mixer	EU-PR-TO-12	3472	1.74	15242	0.061	0.034	0.034	0.46	0.26	0.26	0.11	0.06	0.06	0.551
Flour Scale Hopper	EU-PR-FL-41	2300	1.15	10074	0.061	0.034	0.034	0.31	0.17	0.17	0.07	0.04	0.04	0.551
Minor Ingredient Hopper	EU-PR-TMI-39	176	0.088	771	0.061	0.034	0.034	0.02	0.01	0.01	0.01	0.00	0.00	0.551
<b>Totals</b>								<b>0.80</b>	<b>0.44</b>	<b>0.44</b>	<b>0.18</b>	<b>0.10</b>	<b>0.10</b>	

**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)

PM10 = PM2.5

PM/PM10 emission factor, lbs/ton, AP-42 Table 9.9.1-1, Grain Elevators - Headhouse and grain handling

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

**Company Name: Tyson Foods, Inc., Mexican Original  
Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP: F075-26199-00022  
Reviewer: Christine L. Filutze  
Date: March 24, 2009**

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

\*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 (Aeon EU-PR-ACRTU-02 Thru 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)	7.00	61.32	0.06	0.23	0.02	3.07	0.17	2.58
Six (6) tortilla ovens (EU-PR-TO-02 Thru EU-PR-TO-07)	9.00	78.84	0.07	0.30	0.02	3.94	0.22	3.31
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) tortilla oven (EU-PR-TO-01)	1.50	13.14	0.01	0.05	0.00	0.66	0.04	0.55
<b>Totals</b>	<b>61.07</b>	<b>535</b>	<b>0.508</b>	<b>2.03</b>	<b>0.160</b>	<b>26.7</b>	<b>1.47</b>	<b>22.5</b>

**Methodology**

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

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

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

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

See next page for HAPs emissions calculations.

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

**Company Name: Tyson Foods, Inc., Mexican Original  
 Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
 FESOP: F075-26199-00022  
 Reviewer: Christine L. Filutze  
 Date: March 24, 2009**

HAPs - Organics

Emission Factor in lb/MMcf	Benzene 0.002	e 0.001	Formaldehyde 0.075	Hexane 1.80	Toluene 0.003
Potential Emission in tons/yr	0.0006	0.0003	0.020	0.481	0.0009

HAPs - Metals

Emission Factor in lb/MMcf	Lead 0.0005	Cadmium 0.001	Chromium 0.001	Manganese 0.0004	Nickel 0.002	Total HAPs
Potential Emission in tons/yr	0.0001	0.0003	0.0004	0.0001	0.0006	<b>0.505</b>

Methodology is the same as previous page.

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  
Propane - Commercial Boilers  
MM BTU/HR <100**

**Company Name:** Tyson Foods, Inc., Mexican Original  
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**FESOP:** F075-26199-00022  
**Reviewer:** Christine L. Filutze  
**Date:** March 24, 2009

SO2 Emission factor = 86.5 x S

S = Sulfur Content = 0.02000

**Backup Fuel - Propane**

Emission Factor in lb/kgal	Pollutant					
	PM*	PM10*	SO2 (86.5*S)	NOx	VOC	CO
	0.6	0.6	1.7	19.0	0.25	3.2

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

Equipment	Heat Input Capacity MMBtu/hr	Potential Throughput kgals/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	640.49	0.19	0.19	0.55	6.08	0.08	1.02
Eighteen (18) indirect-fired heaters (Aaon EU-PR-ACRTU-02 Thru EU-PR-ACRTU-19)	4.28	409.76	0.12	0.12	0.35	3.89	0.05	0.66
One (1) boiler (EU-PR-BR-01)	6.30	603.15	0.18	0.18	0.52	5.73	0.08	0.97
One (1) hot water heater (EU-PR-WH-02)	7.00	670.16	0.20	0.20	0.58	6.37	0.08	1.07
Six (6) tortilla ovens (EU-PR-TO-02 Thru EU-PR-TO-07)	9.00	861.64	0.26	0.26	0.75	8.19	0.11	1.38
One (1) flatbread oven (EU-PR-FB-28)	1.50	143.61	0.04	0.04	0.12	1.36	0.02	0.23
Three (3) taco shell ovens (EU-PR-TS-19 a/b; EU-PR-TS-22 a/b; EU-PR-TS-25 a/b)	11.70	1120.13	0.34	0.34	0.97	10.64	0.14	1.79
Three (3) taco shell heat exchangers (EU-PR-TS-21; EU-PR-TS-24; EU-PR-TS-27)	6.30	603.15	0.18	0.18	0.52	5.73	0.08	0.97
One (1) chip oven (EU-PR-CL-13)	3.20	306.36	0.09	0.09	0.27	2.91	0.04	0.49
One chip heat exchanger (EU-PR-CL-15)	2.90	277.64	0.08	0.08	0.24	2.64	0.03	0.44
One (1) baked chip oven (EU-PR-BC-01)	8.50	813.77	0.24	0.24	0.70	7.73	0.10	1.30
<b>Totals</b>	<b>67.37</b>	<b>6449.85</b>	<b>1.93</b>	<b>1.93</b>	<b>5.58</b>	<b>61.27</b>	<b>0.81</b>	<b>10.32</b>

**Methodology**

1 gallon of propane has a heating value of 91,500 Btu (use this to convert emission factors to an energy basis for propane) Fires 6.22 SCC 01-010-02

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

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

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

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

**Company Name: Tyson Foods, Inc., Mexican Original  
Address City IN Zip: 1355 W. Tyson Road, Portland, Indiana 47371  
FESOP: F075-26199-00022  
Reviewer: Christine L. Filutze  
Date: March 24, 2009**

Unit ID No.	Stack ID No.	Equipment	Potential Heat 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	2480	10862
EU-PR-TO-03	EP-T03	#3 Tortilla Ovens	1.5	2480	10862

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

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Unit ID No.	Stack ID No.	Equipment	Potential Heat Capacity (MMBTU/hr)	Potential Process Rates	
				lbs/hr	tons/yr
EU-PR-TO-04	EP-T04	#4 Tortilla Ovens	1.5	2480	10862
EU-PR-TO-05	EP-T05	#5 Tortilla Ovens	1.5	2480	10862
EU-PR-TO-06	EP-T06	#6 Tortilla Ovens	1.5	2480	10862
EU-PR-TO-07	EP-T07	#7 Tortilla Ovens	1.5	2480	10862
EU-PR-FB-28	EP-FBO9-01 &02	#1 Flatbread Oven	1.5	3750	16425
EU-PR-TS-19	EP-TSO3-1/-2	#1 Taco Oven	3.9	1080	4730
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	1080	4730
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	1080	4730
EU-PR-TS-27	EP-TSHE5	#3 Taco Heat Exchanger	2.1	---	
EU-PR-CL-13	EP-CL02-1/-2	Chip Oven	3.2	2100	9198
EU-PR-CL-15	EP-CLHE2	Chip Heat Exchanger	2.9	---	
EU-PR-TS-20	EP-TSF3	#1 Taco Fryer	---	1080	4730
EU-PR-TS-23	EP-TSF4	#2 Taco Fryer	---	1080	4730
EU-PR-TS-26	EP-TSF5	#3 Taco Fryer	---	1080	4730
EU-PR-CL-14	EP-CLF2	Chip Fryer	---	2100	9198
EU-PR-CL-16	EP-CLAC2	Chip Converyor	---	2100	9198
EU-PR-MA-45	To room air	Masa Usebin w/ baghouse	---	9000	39420
EU-PR-MA-44	Totally Enclosed	Masa Manual Unloading (no vent/no baghouse)	---	9000	39420
EU-PR-MA-53	To room air	Scale Hopper to EU-PR-MA-45	---	12000	52560
EU-PR-MA-52	To room air	Taco Oven Mixer w/ filter sock to room air	---	2679	11734
EU-PR-CR-39	EP-39	Whole Corn Unloading w/Baghouse	---	30000	131400

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

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Unit ID No.	Stack ID No.	Equipment	Potential Heat 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	---	30000	131400
EU-PR-CR-42	To room air	Whole Corn Scale Hopper w/ Baghouse	---	9000	39420
EU-PR-FL-31/32/33/34	EP-31/32/33/34	Flour Silo #1/#2/#3/#4 each w/ Baghouse	---	144000	630720
EU-PR-FL-36/37	To room air	(2) Flour Sifters each w/ baghouse	---	48000	210240
EU-PR-FB-30	To room air	Flatbread Usebin w/ baghouse	---	24000	105120
EU-PR-FB-31	To room air	Flatbread Scale Hopper #1 to Flatbread Usebin Baghouse	---	15000	65700
EU-PR-FB-32	To room air	Flatbread Mixer w/ filter sock	---	2496	10932
EU-PR-FL-35	To room air	Tortilla Usebin w/ baghouse	---	24000	105120
EU-PR-FL-38/39/40	To room air	Tortilla Scale Hopper #1/#2/#3 to EU-35 Baghouse	---	45000	197100
EU-PR-TO-09/10/11	To room air	Tortilla (3) Mixers w/ filter sock	---	10416	45622
EU-PR-FBM-01	To room air	Flatbread Minor Indgredient Hand Dump Hopper w/ baghouse	---	1000	4380
EU-PR-FBM-02	To room air	Flatbread Minor Ingredient Usebin w/Baghouse	---	1000	4380
EU-PR-FBM-03	To room air	Flatbread Minor Ingredient Scale Hopper w/ filter sock	---	15000	65700

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

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Unit ID No.	Stack ID No.	Equipment	Potential Heat 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	---	15000	65700
EU-PR-TMI-40-77	To room air	Tortilla Minor Ingredient 38 Usebins	---	1000	4380
EU-PR-TMI-78	To room air	Tortilla Minor Scale Hopper #1	---	1000	4380
EU-PR-TMI-79	To room air	Tortilla Minor Scale Hopper #2	---	1000	4380
EU-PR-TMI-36	To room air	Tortilla Scale Hopper w/ Baghouse	---	12000	52560
EU-PR-TMI-37/38	To room air	(2) Tortilla Scale Hopper each w/ Baghouse	---	12000	52560
EU-PR-SA-01	EP-SA-01	Salt Bin w/ filter sock	---	25,000	109500
EU-PR-MA-54	Totally Enclosed	Masa Manual Unloading (no vent/no baghouse)	---	11350	49713
EU-PR-MA-55	To room air	Baked Chip Masa Usebin w/ baghouse to room air	---	7500	32850
EU-PR-MA-56	To room air	Baked Chip Masa Scale Hopper to EP-54 w/ baghouse to room air	---	9000	39420
EU-PR-MA-57	To room air	Baked Chip Masa Mixer w/ Filter Sock to Room Air	---	13410	58736
EU-PR-BC-01	EP-BC-01	Baked Chip Oven	8.5	3500	15330
EU-PR-FL-41	CE-FL-35	Baghouse exhausting to room air	---	2300	10074
EU-PR-TMI-39	CE-TMI-39	Baghouse exhausting to room air	---	176	771
EU-PR-TO-12	CE-TO-12	Filter Sock exhausting to room air	---	3472	15207
EU-PR-TO-01	EP-TO-01	Exhaust Stack	1.5	2480	10862