



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: February 14, 2013

RE: Krunchers!, Inc. / 019-32539-00132

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

Krunchers!, Inc.
125 Peacely Street
Jeffersonville, Indiana 47130

(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. F019-32539-00132	
Issued by:  Nathan C. Bell, Section Chief Permits Branch Office of Air Quality	Issuance Date: February 14, 2013 Expiration Date: February 14, 2023

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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 fried potato chip and baked and fried corn chip manufacturing plant..

Source Address:	125 Peacely Street, Jeffersonville, Indiana 47130
General Source Phone Number:	812-283-3528
SIC Code:	2096 (Potato Chips and Similar Snacks)
County Location:	Clark
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

- (a) Line 1, constructed in 2009, consisting of:
- (1) One (1) natural gas-fired toast oven, identified as 043-005, with a maximum heat input capacity of 6.75 MMBtu/hr, venting to stack 043-005.
 - (2) One (1) natural gas-fired heat exchanger, identified as 029-004, with a maximum heat input capacity of 3.587 MMBtu/hr, venting to stack 029-004.
 - (3) One (1) continuous deep fat fryer, identified as 026-007, with a maximum capacity of 11,552 tons per year, with a mesh pad mist eliminator for particulate control, venting to stack 026-007.
- (b) Line 4, consisting of:
- (1) Four (4) natural gas-fired heating units, identified as heating units no. 4012-026, 4014-026, 4025-026, and 4027-026, each with a maximum heat capacity of 3.4 MMBtu/hr, constructed in 2006, venting to stacks 4012-026, 4014-026, 4025-026, and 4027-026, respectively;
 - (2) Four (4) batch fryers, identified as batch fryers no. 4012-026, 4014-026, 4025-026, and 4027-026, each with a maximum capacity of 1,848 tons/yr, constructed in 2006, with grease extractor hoods for PM/PM10 control, venting to stacks 4012-026, 4014-026, 4025-026, and 4027-026, respectively;
 - (3) Two (2) batch fryers, identified as batch fryers no. 026-008 and 026-009, each with a maximum capacity of 1,848 tons/year, approved for construction in 2009, with grease extractor hoods for PM/PM10 control, venting to stacks 026-008 and 026-009, respectively;

- (4) Two (2) natural gas-fired kettle heating units, identified as heating units no. 026-008 and 026-009, each with a maximum heat input capacity of 3.3 MMBtu/hr, constructed in 2009, venting to stacks 026-008 and 026-009, respectively.
 - (5) Three (3) natural gas-fired centrifuges, identified as Centrifuges #1, #2, and #3, each with a maximum capacity of 0.4 MMBtu per hour, constructed in 2012, exhausting to stacks 121-002, 121-003 and 121-004, respectively.
- (c) Line 5, consisting of:
- (1) One (1) natural gas-fired heat exchanger, identified as 5071-029, with a maximum heat capacity of 25.0 MMBtu/hr, constructed in 2000, venting to stack 5071-029; and
 - (2) One (1) continuous fryer, identified as 5056-026, with a maximum capacity of 19,408 tons/yr, constructed in 2000, with a mist eliminator for PM/PM10 control, venting to stack 5056-026.
- (d) Line 6, approved for construction in 2013, consisting of:
- (1) One (1) natural gas-fired toast oven, with a maximum heat input capacity of 6.75 MMBtu/hr, venting to stack 043-006.
 - (2) One (1) natural gas-fired heat exchanger, with a maximum heat input capacity of 3.58 MMBtu/hr, venting to stack 029-005.
 - (3) One (1) continuous deep fat fryer, with a maximum capacity of 11,552 tons per year, with a mesh pad mist eliminator for particulate control, venting to stack 026-010.
- (e) Seventeen (17) seasoners, identified as Seasoners #7 through #15, #50 through #56, and #57, each with a maximum seasoning capacity of 115.9 tons/yr, constructed in 1999. A dust collector controls PM/PM10 emissions from Seasoners #50 through #56, exhausting indoors. A second dust collector, constructed in 2012, controls the particulate emissions for Seasoners #57 and #7-15.
- (f) Six (6) seasoners, identified as Seasoners #21 through #26, approved for construction in 2013, each with a maximum seasoning capacity of 115.9 tons/yr, with particulate emissions controlled by a MAC dust collector, exhausting indoors.

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) One (1) natural gas-fired Cleaver Brooks Boiler, constructed in 1969, with a maximum capacity of 6.275 MMBtu/hr, venting to stack 8050-009.
- (b) One (1) natural gas-fired Superior Boiler, constructed in 1991, with a maximum capacity of 6.277 MMBtu/hr, venting to stack 8051-009.
- (c) Seven (7) corn silos, identified as: 9012-054, with a maximum storage capacity of 17.55 tons; 9013-054, with a maximum storage capacity of 21.51 tons; 9014-054, 9015-054, and 9016-054, with a maximum storage capacity of 36.79 each; 9017-054, with a maximum storage capacity of 47.92; and 9018-054, with maximum storage capacity of 35.55 tons. All corn silos were constructed in 1996.

- (d) Vegetable oil storage tanks, consisting of the following:
- (1) Four (4) vegetable oil storage tanks, identified as 8302-068, 8303-068, 8304-068, 8305-068, constructed in 1988, each with a storage capacity of 3,700 gallons, located in the basement.
 - (2) Two (2) vegetable oil storage tanks, identified as 8306-068 and 8603-068, constructed in 1988, each with a storage capacity of 4,600 gallons, located in the basement.
 - (3) One (1) vegetable oil storage tank, identified as 5074-068, constructed in 1993, with a storage capacity of 7,000 gallons, located in the Line 5 Heat Exchanger Room.
 - (4) One (1) vegetable oil storage tank, identified as 5075-068, constructed in 1993, with a storage capacity of 6,000 gallons, located in the Line 5 Heat Exchanger Room.
 - (5) Two (2) vegetable oil storage tanks, identified as 5076-068 and 5077-068, constructed in 1993, each with a storage capacity of 8,000 gallons, located in the Line 5 Heat Exchanger Room.
- (e) Two (2) natural gas-fired air handlers to heat make-up air for processing, identified as 003-025 and 003-026, each with a maximum heat input capacity of 3.7 MMBtu/hr, constructed in 2009, venting indoors.
- (f) One (1) natural gas-fired heating unit for comfort heat in Warehouse (WH) No. 2, constructed in 2009, with a maximum heat input capacity of 0.722 MMBtu/hr, venting indoors.

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

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

SECTION B GENERAL CONDITIONS

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

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

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

- (a) This permit, F019-32539-00132, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The Permittee shall implement the PMPs.

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

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

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

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

The Permittee shall implement the PMPs.

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

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

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation except as provided in 326 IAC 2-8-12.

- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

- (2) The permitted facility was at the time being properly operated;

- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, or Southeast Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Southeast Regional Office phone: (812) 358-2027; fax: (812) 358-2058.

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

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

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

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

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

(C) Corrective actions taken.

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

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

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

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

- (a) All terms and conditions of permits established prior to F019-32539-00132 and issued pursuant to permitting programs approved into the state implementation plan have been either:
- (1) incorporated as originally stated,
- (2) revised, or

(3) deleted.

(b) All previous registrations and permits are superseded by this permit.

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

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

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

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

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

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

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

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

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

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

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) and (c) without a prior permit revision, if each of the following conditions is met:
- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;

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

(4) The Permittee notifies the:

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

and

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Overall Source Limit [326 IAC 2-8]

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

- (a) Pursuant to 326 IAC 2-8:
 - (1) The potential to emit any regulated pollutant, except particulate matter (PM) and greenhouse gases (GHGs), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period.
 - (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
 - (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
 - (4) The potential to emit greenhouse gases (GHGs) from the entire source shall be limited to less than one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per twelve (12) consecutive month period.
- (b) Pursuant to 326 IAC 2-2 (PSD), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.
- (c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.
- (d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.2 Opacity [326 IAC 5-1]

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

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

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

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

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

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

C.5 Fugitive Dust Emissions [326 IAC 6-4]

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

C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

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

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the

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

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

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

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

C.8 Compliance Requirements [326 IAC 2-1.1-11]

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

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

C.9 Compliance Monitoring [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(1)]

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

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

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

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

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

C.10 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]

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

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

C.11 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.12 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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

- (a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.

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

C.13 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

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

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

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

C.14 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following:
 - (AA) All calibration and maintenance records.
 - (BB) All original strip chart recordings for continuous monitoring instrumentation.
 - (CC) Copies of all reports required by the FESOP.

Records of required monitoring information include the following:

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

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

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

C.15 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

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

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

Stratospheric Ozone Protection

C.16 Compliance with 40 CFR 82 and 326 IAC 22-1

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

SECTION D.1

EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

- (a) Line 1, constructed in 2009, consisting of:
 - (1) One (1) natural gas-fired toast oven, identified as 043-005, with a maximum heat input capacity of 6.75 MMBtu/hr, venting to stack 043-005.
 - (2) One (1) natural gas-fired heat exchanger, identified as 029-004, with a maximum heat input capacity of 3.587 MMBtu/hr, venting to stack 029-004.
 - (3) One (1) continuous deep fat fryer, identified as 026-007, with a maximum capacity of 11,552 tons per year, with a mesh pad mist eliminator for particulate control, venting to stack 026-007.

- (b) Line 4, consisting of:
 - (1) Four (4) natural gas-fired heating units, identified as heating units no. 4012-026, 4014-026, 4025-026, and 4027-026, each with a maximum heat capacity of 3.4 MMBtu/hr, constructed in 2006, venting to stacks 4012-026, 4014-026, 4025-026, and 4027-026, respectively;
 - (2) Four (4) batch fryers, identified as batch fryers no. 4012-026, 4014-026, 4025-026, and 4027-026, each with a maximum capacity of 1,848 tons/yr, constructed in 2006, with grease extractor hoods for PM/PM10 control, venting to stacks 4012-026, 4014-026, 4025-026, and 4027-026, respectively;
 - (3) Two (2) batch fryers, identified as batch fryers no. 026-008 and 026-009, each with a maximum capacity of 1,848 tons/year, approved for construction in 2009, with grease extractor hoods for PM/PM10 control, venting to stacks 026-008 and 026-009, respectively;
 - (4) Two (2) natural gas-fired kettle heating units, identified as heating units no. 026-008 and 026-009, each with a maximum heat input capacity of 3.3 MMBtu/hr, constructed in 2009, venting to stacks 026-008 and 026-009, respectively.
 - (5) Three (3) natural gas-fired centrifuges, identified as Centrifuges #1, #2, and #3, each with a maximum capacity of 0.4 MMBtu per hour, constructed in 2012, exhausting to stacks 121-002, 121-003 and 121-004, respectively.

- (c) Line 5, consisting of:
 - (1) One (1) natural gas-fired heat exchanger, identified as 5071-029, with a maximum heat capacity of 25.0 MMBtu/hr, constructed in 2000, venting to stack 5071-029; and
 - (2) One (1) continuous fryer, identified as 5056-026, with a maximum capacity of 19,408 tons/yr, constructed in 2000, with a mist eliminator for PM/PM10 control, venting to stack 5056-026.

- (d) Line 6, approved for construction in 2013, consisting of:
 - (1) One (1) natural gas-fired toast oven, with a maximum heat input capacity of 6.75 MMBtu/hr, venting to stack 043-006.

- (2) One (1) natural gas-fired heat exchanger, with a maximum heat input capacity of 3.58 MMBtu/hr, venting to stack 029-005.
- (3) One (1) continuous deep fat fryer, with a maximum capacity of 11,552 tons per year, with a mesh pad mist eliminator for particulate control, venting to stack 026-010.
- (e) Seventeen (17) seasoners, identified as Seasoners #7 through #15, #50 through #56, and #57, each with a maximum seasoning capacity of 115.9 tons/yr, constructed in 1999. A dust collector controls PM/PM10 emissions from Seasoners #50 through #56, exhausting indoors. A second dust collector, constructed in 2012, controls the particulate emissions for Seasoners #57 and #7-15.
- (f) Six (6) seasoners, identified as Seasoners #21 through #26, approved for construction in 2013, each with a maximum seasoning capacity of 115.9 tons/yr, with particulate emissions controlled by a MAC dust collector, exhausting indoors.

This stationary source also includes the following insignificant activities:

- (a) One (1) natural gas-fired Cleaver Brooks Boiler, constructed in 1969, with a maximum capacity of 6.275 MMBtu/hr, venting to stack 8050-009.
- (b) One (1) natural gas-fired Superior Boiler, constructed in 1991, with a maximum capacity of 6.277 MMBtu/hr, venting to stack 8051-009.
- (c) Seven (7) corn silos, identified as: 9012-054, with a maximum storage capacity of 17.55 tons; 9013-054, with a maximum storage capacity of 21.51 tons; 9014-054, 9015-054, and 9016-054, with a maximum storage capacity of 36.79 each; 9017-054, with a maximum storage capacity of 47.92; and 9018-054, with maximum storage capacity of 35.55 tons. All corn silos were constructed in 1996.
- (e) Two (2) natural gas-fired air handlers to heat make-up air for processing, identified as 003-025 and 003-026, each with a maximum heat input capacity of 3.7 MMBtu/hr, constructed in 2009, venting indoors.
- (f) One (1) natural gas-fired heating unit for comfort heat in Warehouse (WH) No. 2, constructed in 2009, with a maximum heat input capacity of 0.722 MMBtu/hr, venting indoors.

(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 PM10 and PM2.5 Emission Limitations [326 IAC 2-8-4] [326 IAC 2-2][326 IAC 2-3]

- (a) In order to comply with the requirements of 326 IAC 2-8-4 (FESOP) render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, particulate matter less than ten (10) microns in diameter (PM10) from the Line 4 batch fryers shall not exceed 4.9 pounds of PM10 per hour.

Compliance with this limit, combined with the potential to emit PM10 from all other emission units at this source, shall limit the source-wide total potential to emit of PM10 to less than 100 tons per 12 consecutive month period, and shall render the requirements of

326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

- (b) In order to comply with the requirements of 326 IAC 2-8-4 (FESOP) render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-3 (Emission Offset) not applicable, particulate matter less than 2.5 microns in diameter (PM2.5) from the Line 4 batch fryers shall not exceed 4.9 pounds of PM2.5 per hour.

Compliance with this limit, combined with the potential to emit PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM2.5 to less than 100 tons per 12 consecutive month period, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-3 (Emission Offset) not applicable.

D.1.2 Particulate Matter (PM) Limitation [326 IAC 6.5]

- (a) Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate emissions from each of the following facilities shall not exceed 0.03 grains per dry standard cubic foot (dscf):

Facility	Unit ID
Four (4) snack chip frying and baking lines	Lines 1, 4, 5, and 6
Twenty-three (23) seasoners	Seasoners #7 through #15, #50 through #56, #57, and #21 through #26
Seven (7) corn silos	9012-054, 9013-054, 9014-054, 9015-054, and 9016-054, 9017-054, and 9018-054
Two (2) natural gas-fired air handlers	003-025 and 003-026
One (1) natural gas-fired heating unit	Comfort heater in Warehouse (WH) No. 2

- (b) Pursuant to 326 IAC 6.5 (Particulate Matter Limitations Except Lake County), particulate emissions from each of the following facilities shall not exceed 0.01 grains per dry standard cubic foot (dscf):

Facility	Unit ID
Two (2) natural gas-fired boilers	Cleaver Brooks Boiler and Superior Boiler

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

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

Compliance Determination Requirements

D.1.4 Particulate Control

- (a) In order to comply with Conditions D.1.1 and D.1.2, the grease extractor hoods associated with Line 4 shall be operated at all times that the Line 4 batch fryers are in operation.
- (b) In order to comply with Condition D.1.2, the mist extractors associated with Lines 1, 5, and 6 and the two (2) dust collectors associated with the seasoners shall be operated at all times that these units are in operation.

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

D.1.5 Visible Emissions Notations

- (1) Visible emission notations of Line 4 batch fryers stack exhausts (Stacks No. 4012-026, 4014-026, 4025-026, 4027-026, 026-008, and 026-009) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) If abnormal emissions are observed, the Permittee shall take reasonable response steps. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response shall be considered a deviation from this permit.

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

D.1.6 Record Keeping Requirements

- (a) To document the compliance status with Condition D.1.5, the Permittee shall maintain records of daily visible emission notations of the Line 4 batch fryers stack exhaust. 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) Section C - General Record Keeping Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.

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

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

Source Name: Krunchers, Inc.
Source Address: 125 Peacely Street, Jeffersonville, Indiana 47130
FESOP Permit No.: F019-32539-00132

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: Krunchers, Inc.
Source Address: 125 Peacely Street, Jeffersonville, Indiana 47130
FESOP Permit No.: F019-32539-00132

This form consists of 2 pages

Page 1 of 2

- | |
|--|
| <p><input type="checkbox"/> This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none">• The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and• The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16 |
|--|

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

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

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

Page 2 of 2

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Krunchers, Inc.
Source Address: 125 Peacely Street, Jeffersonville, Indiana 47130
FESOP Permit No.: F019-32539-00132

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

Page 1 of 2

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

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

Indiana Department of Environmental Management
Office of Air Quality

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

Source Background and Description

Source Name:	Krunchers!, Inc.
Source Location:	125 Peacely St., Jeffersonville, IN 47130
County:	Clark
SIC Code:	2096 (Potato Chips and Similar Snacks)
Permit Renewal No.:	F019-32539-00132
Permit Reviewer:	Brian Wright

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from Krunchers!, Inc. relating to the operation of a fried potato chip and baked and fried corn chip manufacturing plant. On November 20, 2012, Krunchers!, Inc. submitted an application to the OAQ requesting to renew its operating permit. Krunchers!, Inc. was issued a FESOP (F019-26296-00132) on September 16, 2008.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units:

- (a) Line 1, constructed in 2009, consisting of:
 - (1) One (1) natural gas-fired toast oven, identified as 043-005, with a maximum heat input capacity of 6.75 MMBtu/hr, venting to stack 043-005.
 - (2) One (1) natural gas-fired heat exchanger, identified as 029-004, with a maximum heat input capacity of 3.587 MMBtu/hr, venting to stack 029-004.
 - (3) One (1) continuous deep fat fryer, identified as 026-007, with a maximum capacity of 11,552 tons per year, with a mesh pad mist eliminator for particulate control, venting to stack 026-007.

- (b) Line 4, consisting of:
 - (1) Four (4) natural gas-fired heating units, identified as heating units no. 4012-026, 4014-026, 4025-026, and 4027-026, each with a maximum heat capacity of 3.4 MMBtu/hr, constructed in 2006, venting to stacks 4012-026, 4014-026, 4025-026, and 4027-026, respectively;
 - (2) Four (4) batch fryers, identified as batch fryers no. 4012-026, 4014-026, 4025-026, and 4027-026, each with a maximum capacity of 1,848 tons/yr, constructed in 2006, with grease extractor hoods for PM/PM10 control, venting to stacks 4012-026, 4014-026, 4025-026, and 4027-026, respectively;
 - (3) Two (2) batch fryers, identified as batch fryers no. 026-008 and 026-009, each with a maximum capacity of 1,848 tons/year, approved for construction in 2009, with grease extractor hoods for PM/PM10 control, venting to stacks 026-008 and 026-009, respectively;

- (4) Two (2) natural gas-fired kettle heating units, identified as heating units no. 026-008 and 026-009, each with a maximum heat input capacity of 3.3 MMBtu/hr, constructed in 2009, venting to stacks 026-008 and 026-009, respectively.
 - (5) Three (3) natural gas-fired centrifuges, identified as Centrifuges #1, #2, and #3, each with a maximum capacity of 0.4 MMBtu per hour, constructed in 2012, exhausting to stacks 121-002, 121-003 and 121-004, respectively.
- (c) Line 5, consisting of:
- (1) One (1) natural gas-fired heat exchanger, identified as 5071-029, with a maximum heat capacity of 25.0 MMBtu/hr, constructed in 2000, venting to stack 5071-029; and
 - (2) One (1) continuous fryer, identified as 5056-026, with a maximum capacity of 19,408 tons/yr, constructed in 2000, with a mist eliminator for PM/PM10 control, venting to stack 5056-026.
- (d) Line 6, approved for construction in 2013, consisting of:
- (1) One (1) natural gas-fired toast oven, with a maximum heat input capacity of 6.75 MMBtu/hr, venting to stack 043-006.
 - (2) One (1) natural gas-fired heat exchanger, with a maximum heat input capacity of 3.58 MMBtu/hr, venting to stack 029-005.
 - (3) One (1) continuous deep fat fryer, with a maximum capacity of 11,552 tons per year, with a mesh pad mist eliminator for particulate control, venting to stack 026-010.
- (e) Seventeen (17) seasoners, identified as Seasoners #7 through #15, #50 through #56, and #57, each with a maximum seasoning capacity of 115.9 tons/yr, constructed in 1999. A dust collector controls PM/PM10 emissions from Seasoners #50 through #56, exhausting indoors. A second dust collector, constructed in 2012, controls the particulate emissions for Seasoners #57 and #7-15.
- (f) Six (6) seasoners, identified as Seasoners #21 through #26, approved for construction in 2013, each with a maximum seasoning capacity of 115.9 tons/yr, with particulate emissions controlled by a MAC dust collector, exhausting indoors.

Insignificant Activities

The source also consists of the following insignificant activities:

- (a) One (1) natural gas-fired Cleaver Brooks Boiler, constructed in 1969, with a maximum capacity of 6.275 MMBtu/hr, venting to stack 8050-009.
- (b) One (1) natural gas-fired Superior Boiler, constructed in 1991, with a maximum capacity of 6.277 MMBtu/hr, venting to stack 8051-009.
- (c) Seven (7) corn silos, identified as: 9012-054, with a maximum storage capacity of 17.55 tons; 9013-054, with a maximum storage capacity of 21.51 tons; 9014-054, 9015-054, and 9016-054, with a maximum storage capacity of 36.79 each; 9017-054, with a maximum storage capacity of 47.92; and 9018-054, with maximum storage capacity of 35.55 tons. All corn silos were constructed in 1996.

- (d) Vegetable oil storage tanks, consisting of the following:
- (1) Four (4) vegetable oil storage tanks, identified as 8302-068, 8303-068, 8304-068, 8305-068, constructed in 1988, each with a storage capacity of 3,700 gallons, located in the basement.
 - (2) Two (2) vegetable oil storage tanks, identified as 8306-068 and 8603-068, constructed in 1988, each with a storage capacity of 4,600 gallons, located in the basement.
 - (3) One (1) vegetable oil storage tank, identified as 5074-068, constructed in 1993, with a storage capacity of 7,000 gallons, located in the Line 5 Heat Exchanger Room.
 - (4) One (1) vegetable oil storage tank, identified as 5075-068, constructed in 1993, with a storage capacity of 6,000 gallons, located in the Line 5 Heat Exchanger Room.
 - (5) Two (2) vegetable oil storage tanks, identified as 5076-068 and 5077-068, constructed in 1993, each with a storage capacity of 8,000 gallons, located in the Line 5 Heat Exchanger Room.
- (e) Two (2) natural gas-fired air handlers to heat make-up air for processing, identified as 003-025 and 003-026, each with a maximum heat input capacity of 3.7 MMBtu/hr, constructed in 2009, venting indoors.
- (f) One (1) natural gas-fired heating unit for comfort heat in Warehouse (WH) No. 2, constructed in 2009, with a maximum heat input capacity of 0.722 MMBtu/hr, venting indoors.

Existing Approvals

Since the issuance of FESOP F019-26296-00132 on September 16, 2008, the source has constructed or has been operating under the following additional approvals:

- (a) Administrative Amendment No. 019-28614-00132 issued on December 14, 2009; and
- (b) Administrative Amendment No. 019-31650-00132 issued on April 4, 2012.

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.

Enforcement Issue

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 Clark County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Attainment effective July 19, 2007, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.

¹Attainment effective October 23, 2001, for the 1-hour ozone standard for the Louisville area, including Clark County, and is a maintenance area for the 1-hour ozone National Ambient Air Quality Standard (NAAQS) for purposes of 40 CFR Part 51, Subpart X*. The 1-hour standard was revoked effective June 15, 2005. Basic nonattainment designation effective federally April 5, 2005, for PM_{2.5}.

- (a) **Ozone Standards**
Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to ozone. Clark County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) **PM_{2.5}**
Clark County has been classified as nonattainment for PM_{2.5} in 70 FR 943 dated January 5, 2005. On May 8, 2008, U.S. EPA promulgated specific New Source Review rules for PM_{2.5} emissions. These rules became effective on July 15, 2008. Therefore, direct PM_{2.5}, SO₂, and NO_x emissions were reviewed pursuant to the requirements of Nonattainment New Source Review, 326 IAC 2-1.1-5. See the State Rule Applicability – Entire Source section.
- (c) **Other Criteria Pollutants**
Clark County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

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

Unrestricted Potential Emissions

This table reflects the unrestricted potential emissions of the source.

Unrestricted Potential Emissions	
Pollutant	Tons/year
PM	151.72
PM ₁₀	247.51
PM _{2.5}	247.51
SO ₂	0.23
VOC	38.43
CO	3.40
NO _x	32.28
GHGs as CO ₂ e	46,397
Highest Single HAP	0.69 hexane
Total HAP	0.73

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of PM, PM₁₀, and PM_{2.5} are equal to or greater than 100 tons per year. However, the Permittee has agreed to limit the source's PM, PM₁₀, and PM_{2.5} emissions to less than Title V levels, therefore the Permittee will be issued a FESOP Renewal.
- (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 GHGs is less than one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per year.
- (d) 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.

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 of the Entire Source After Issuance of Renewal (tons/year)									
	PM	PM ₁₀ *	PM _{2.5} *	SO ₂	NO _x	VOC	CO	GHGs	Total HAPs	Worst Single HAP
Line 1 Continuous Fryer	3.23	4.62	4.62	0.00	0.00	0.49	0.00	0.00	0.00	0.00
Line 4 Batch Fryers	99.79	21.46	21.46	0.00	0.00	0.11	0.00	0.00	0.00	0.00
Line 5 Continuous Fryer	15.53	19.31	19.31	0.00	0.00	0.19	0.00	0.00	0.00	0.00
Line 6 Continuous Fryer	3.23	4.62	4.62	0.00	0.00	0.49	0.00	0.00	0.00	0.00
Natural Gas Combustion Units	0.73	2.92	2.92	0.23	38.43	2.11	32.28	46397	0.73	0.69 Hexane
23 Seasoners	26.66	26.66	26.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Corn Handling, Receiving, and Storage	2.53	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total PTE of Entire Source	151.71	80.47	80.47	0.23	38.43	2.41	32.28	46,397	0.73	0.69 Hexane
Title V Major Source Thresholds	NA	100	100	100	100	100	100	100,000 CO ₂ e	25	10
PSD Major Source Thresholds	250	250	NA	250	250	250	250	100,000 CO ₂ e	NA	NA
Emission Offset/ Nonattainment NSR Major Source Thresholds	NA	NA	100	NA	NA	NA	NA	NA	NA	NA
negl. = negligible *Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". **PM _{2.5} listed is direct PM _{2.5} .										

- (a) This existing stationary source is not major for PSD because the emissions of each regulated attainment pollutant, excluding GHGs, are less than two hundred fifty (<250) tons per year, emissions of GHGs are less than one hundred thousand (<100,000) tons of CO₂ equivalent emissions (CO₂e) per year, and it is not in one of the twenty-eight (28) listed source categories.
- (a) This existing stationary source is not major for Emission Offset and Nonattainment NSR because the emissions of the nonattainment pollutant, PM_{2.5}, are less than one hundred (<100) tons per year.

Federal Rule Applicability

Compliance Assurance Monitoring (CAM)

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

New Source Performance Standards (NSPS)

- (b) The requirements of the New Source Performance Standard for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60, Subpart Dc (326 IAC 12), are not included in the permit, since it is not applicable to the Cleaver Brooks Boiler or the Superior Boiler. The Cleaver Brooks Boiler and the Superior Boiler each have a heat input capacity of 6.27 MMBtu/hr. This NSPS is only subject to boilers with a heat input capacity between 10 and 100 MMBtu/hr.
- (c) The requirements of the New Source Performance Standard for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, 40 CFR 60, Subpart Kb (326 IAC 12), are not included in this permit since each of the vegetable oil storage tanks has a storage capacity of less than 75 cubic meters (19,813 gallons).
- (d) The requirements of the New Source Performance Standard for Grain Elevators, 40 CFR 60 Subpart DD (326 IAC 12), are not included in this permit since the total storage capacity of the grain silos is less than 2.5 million bushels.
- (e) There are no New Source Performance Standards (NSPS)(40 CFR Part 60) included in the permit.

National Emission Standards for Hazardous Air Pollutants

- (f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63, Subpart DDDDD (326 IAC 20-95), are not included in this permit since the source is not a major source of HAPs.
- (g) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Industrial, Commercial, and Institutional Boilers Area Sources, 40 CFR 63, Subpart JJJJJ, are not included in the permit, since Cleaver Brooks Boiler and the Superior Boiler burn only natural gas. Under 40 CFR 63.11195, gas-fired boilers are exempt from Subpart JJJJJ.
- (h) 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 1-6-3 (Preventive Maintenance Plan)
The source is subject to 326 IAC 1-6-3.

326 IAC 1-5-2 (Emergency Reduction Plans)
The source is subject to 326 IAC 1-5-2.

326 IAC 2-6 (Emission Reporting)
This source is not subject to 326 IAC 2-6 (Emission Reporting) because it is not required to have an operating permit pursuant to 326 IAC 2-7 (Part 70); it is not located in Lake, Porter, or LaPorte County, and its potential to emit lead is less than 5 tons per year. Therefore, this rule does not apply.

326 IAC 2-8 (FESOP), 326 IAC 2-2 (Prevention of Significant Deterioration), and 326 IAC 2-3 (Emission Offset)

- (a) In order to comply with the requirements of 326 IAC 2-8-4 (FESOP) render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-2 (Prevention of Significant

Deterioration (PSD)) not applicable, particulate matter less than ten (10) microns in diameter (PM10) from the Line 4 batch fryers shall not exceed 4.9 pounds of PM10 per hour.

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

- (b) In order to comply with the requirements of 326 IAC 2-8-4 (FESOP) render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-3 (Emission Offset) not applicable, particulate matter less than 2.5 microns in diameter (PM2.5) from the Line 4 batch fryers shall not exceed 4.9 pounds of PM2.5 per hour.

Compliance with this limit, combined with the potential to emit PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM2.5 to less than 100 tons per 12 consecutive month period and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-3 (Emission Offset) not applicable.

326 IAC 6.5 PM Limitations Except Lake County

This source is subject to 326 IAC 6.5 because it is located in Clark County and its limited PM PTE is more than 100 tons/year.

326 IAC 6.8 PM Limitations for Lake County

This source is not subject to 326 IAC 6.5 because it is located in Clark County.

326 IAC 5-1 (Opacity Limitations)

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

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

326 IAC 6-4 (Fugitive Dust Emissions Limitations)

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

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

This source is not subject to 326 IAC 6-5 because its potential fugitive emission of particulate matter are less than 25 tons per year.

326 IAC 12 (New Source Performance Standards)

See Federal Rule Applicability Section of this TSD.

326 IAC 20 (Hazardous Air Pollutants)

See Federal Rule Applicability Section of this TSD.

State Rule Applicability – Individual Facilities

Snack Chip Frying and Baking Lines

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

Pursuant to 326 IAC 6-3-1(c)(3), the particulate matter (PM) emissions from the snack chip frying and baking lines are not subject to 326 IAC 6-3 because they are regulated under 326 IAC 6.5.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)

Pursuant to 326 IAC 6.5-1-1(a)(2), this source is subject to the requirements of 326 IAC 6.5-1-2, because this source is located in Clark County, is not specifically listed in 326 IAC 6.5-2 through 326 IAC 6.5-10, and has potential particulate matter emissions greater than 10 tons per year. Pursuant to 326 IAC 6.5-1-2(a), particulate matter (PM) emissions from the snack chip frying and baking lines (identified as Lines 1, 4, 5 and 6) shall not exceed three hundredths (0.03) grain per dry standard cubic foot (dscf).

In order to comply with this limit, the mist eliminators associated with Lines 1, 5, and 6 and the grease extractor hoods on Line 4 shall be operated at all times that the snack chip frying and baking lines are in operation.

326 IAC 8-1-6 (New Facilities; General Reduction Requirements)

Pursuant to 326 IAC 8-1-6, new facilities that have potential VOC emissions of twenty-five (25) tons per year or more shall reduce VOC emissions using best available control technology. The potential VOC emissions from the snack chip frying and baking lines, identified as Line 1, Line 4, Line 5, and Line 6, are each less than twenty-five (25) tons per year. Therefore, 326 IAC 8-1-6 is not applicable to these facilities.

326 IAC 10-1 (Nitrogen Oxides Control in Clark and Floyd Counties)

The ovens, heat exchangers, and centrifuge associated with the snack chip frying and baking lines, identified as Line 1, Line 4, Line 5, and Line 6, have the potential to emit less than forty (40) tons per year of NOx. Therefore, these units are not subject to 326 IAC 10-1.

Seasoners

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

Pursuant to 326 IAC 6-3-1(c)(3), the particulate matter (PM) emissions from the twenty-three (23) seasoners are not subject to 326 IAC 6-3 because they are regulated under 326 IAC 6.5.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)

Pursuant to 326 IAC 6.5-1-1(a)(2), this source is subject to the requirements of 326 IAC 6.5-1-2, because this source is located in Clark County, is not specifically listed in 326 IAC 6.5-2 through 326 IAC 6.5-10, and has potential particulate matter emissions greater than 10 tons per year. Pursuant to 326 IAC 6.5-1-2(a), particulate matter (PM) emissions from the twenty-three (23) seasoners shall not exceed three hundredths (0.03) grain per dry standard cubic foot (dscf).

In order to comply with this limit, the two (2) dust collectors shall be operated at all times that the seasoners are in operation.

Boilers

326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heat)

The particulate matter (PM) emissions from the two (2) natural gas-fired boilers are not subject to 326 IAC 6-2 because they are regulated under 326 IAC 6.5.

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

Pursuant to 326 IAC 6-3-1(b)(1), the natural gas-fired boilers are each not subject to the requirements of 326 IAC 6-3, since they each are not a manufacturing process.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)

Pursuant to 326 IAC 6.5-1-1(a)(2), this source is subject to the requirements of 326 IAC 6.5-1-2, because this source is located in Clark County, is not specifically listed in 326 IAC 6.5-2 through 326 IAC 6.5-10, and has potential particulate matter emissions greater than 10 tons per year. Pursuant to 326 IAC 6.5-1-2(b)(3), particulate matter (PM) emissions from the two (2) natural gas-fired boilers shall not exceed one-hundredth (0.01) grain per dry standard cubic foot (dscf).

326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)

Pursuant to 326 IAC 7-1.1-1, the natural gas-fired boilers are each not subject to the requirements of 326 IAC 7-1, since each has unlimited sulfur dioxide (SO₂) emissions less than twenty-five (25) tons per year and ten (10) pounds per hour, respectively.

326 IAC 10-1 (Nitrogen Oxides Control in Clark and Floyd Counties)

Pursuant to 326 IAC 10-1, the natural gas-fired boilers are not subject to 326 IAC 10-1 because the heat input capacity from each emissions unit is less than one hundred (100) MMBtu per hour.

Corn Silos

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)

Pursuant to 326 IAC 6.5-1-1(a)(2), this source is subject to the requirements of 326 IAC 6.5-1-2, because this source is located in Clark County, is not specifically listed in 326 IAC 6.5-2 through 326 IAC 6.5-10, and has potential particulate matter emissions greater than 10 tons per year. Pursuant to 326 IAC 6.5-1-2(a), particulate matter (PM) emissions from the seven (7) corn silos shall not exceed three hundredths (0.03) grain per dry standard cubic foot (dscf).

Natural Gas-Fired Air Handlers and Heating Unit

326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heat)

The particulate matter (PM) emissions from the two (2) natural gas-fired air handlers (003-025 and 003-026) and the natural gas-fired heating unit for comfort heat in Warehouse (WH) No. 2 are not subject to 326 IAC 6-3 because they are not indirect heating units.

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

Pursuant to 326 IAC 6-3-1(b)(1), the two (2) natural gas-fired air handlers (003-025 and 003-026) and the natural gas-fired heating unit for comfort heat in Warehouse (WH) No. 2 are each not subject to the requirements of 326 IAC 6-3, since they each are not a manufacturing process.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)

Pursuant to 326 IAC 6.5-1-1(a)(2), this source is subject to the requirements of 326 IAC 6.5-1-2, because this source is located in Clark County, is not specifically listed in 326 IAC 6.5-2 through 326 IAC 6.5-10, and has potential particulate matter emissions greater than 10 tons per year. Pursuant to 326 IAC 6.5-1-2(b)(3), particulate matter (PM) emissions from the two (2) natural gas-fired air handlers (003-025 and 003-026) and the natural gas-fired heating unit for comfort heat in Warehouse (WH) No. 2 shall not exceed three hundredths (0.03) grain per dry standard cubic foot (dscf).

326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)

Pursuant to 326 IAC 7-1.1-1, from the two (2) natural gas-fired air handlers (003-025 and 003-026) and the natural gas-fired heating unit for comfort heat in Warehouse (WH) No. 2 are each not subject to the requirements of 326 IAC 7-1, since each has unlimited sulfur dioxide (SO₂) emissions less than twenty-five (25) tons per year and ten (10) pounds per hour, respectively.

326 IAC 10-1 (Nitrogen Oxides Control in Clark and Floyd Counties)

Pursuant to 326 IAC 10-1, from the two (2) natural gas-fired air handlers (003-025 and 003-026) and the natural gas-fired heating unit for comfort heat in Warehouse (WH) No. 2 are not subject to 326 IAC 10-1 because the heat input capacity from each emissions unit is less than one hundred (100) MMBtu per hour.

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 determination and monitoring requirements applicable to this source are as follows:

(a) Visible Emissions Notations

- (1) Visible emission notations of Line 4 batch fryers stack exhausts (Stacks No. 4012-026, 4014-026, 4025-026, and 4027-026) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (2) 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.
- (3) 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.
- (4) 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.
- (5) If abnormal emissions are observed, the Permittee shall take reasonable response steps.

Recommendation

The staff recommends to the Commissioner that the FESOP Renewal 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 November 20, 2012.

Conclusion

The operation of this fried potato chip and baked and fried corn chip manufacturing plant shall be subject to the conditions of the attached FESOP Renewal No. F019-32539-00132.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Brian Wright at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 234-6544 or toll free at 1-800-451-6027 extension 4-6544.
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

**Appendix A: Emissions Calculations
Emission Summary**

Company Name: Krunchers, Inc.
Source Address: 125 Peacely Street, Jeffersonville, IN 47130
FESOP Renewal No: F019-32539-00132
Reviewer: Brian Wright
Date: 30-Nov-12

Unlimited/Uncontrolled Potential to Emit (tons/yr)

Emission Unit	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG as CO2e	HAPs	Worst Single HAP	
Line 1 Continuous Fryer	3.23	4.62	4.62	0.00	0.00	0.49	0.00	0.00	0.00	0.00	---
Line 4 Batch Fryers	99.79	188.50	188.50	0.00	0.00	0.11	0.00	0.00	0.00	0.00	---
Line 5 Continuous Fryer	15.53	19.31	19.31	0.00	0.00	0.19	0.00	0.00	0.00	0.00	---
Line 6 Continuous Fryer	3.23	4.62	4.62	0.00	0.00	0.49	0.00	0.00	0.00	0.00	---
Natural Gas Combustion Units	0.73	2.92	2.92	0.23	38.43	2.11	32.28	46,397	0.73	0.69	hexane
23 Seasoners	26.66	26.66	26.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
Corn Handling, Receiving, and Storage	2.53	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
Totals	151.71	247.51	247.51	0.23	38.43	3.40	32.28	46,397	0.73	0.69	hexane

Limited Potential to Emit (tons/yr) to render 326 IAC 2-7 (Part 70 Permits) and 326 IAC 2-1.1-5 (Nonattainment New Source Review) not applicable

Emission Unit	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG as CO2e	HAPs	Worst Single HAP	
Line 1 Continuous Fryer	3.23	4.62	4.62	0.00	0.00	0.49	0.00	0.00	0.00	0.00	---
Line 4 Batch Fryers*	99.79	21.46	21.46	0.00	0.00	0.11	0.00	0.00	0.00	0.00	---
Line 5 Continuous Fryer	15.53	19.31	19.31	0.00	0.00	0.19	0.00	0.00	0.00	0.00	---
Line 6 Continuous Fryer	3.23	4.62	4.62	0.00	0.00	0.49	0.00	0.00	0.00	0.00	---
Natural Gas Combustion Units	0.73	2.92	2.92	0.23	38.43	2.11	32.28	46397	0.73	0.69	hexane
23 Seasoners	26.66	26.66	26.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
Corn Handling, Receiving, and Storage	2.53	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
Totals	151.71	80.47	80.47	0.23	38.43	3.40	32.28	46,397	0.73	0.69	hexane

*Note: PM10 and PM2.5 emissions from the Line 4 Batch Fryers shall not exceed 4.9 pounds per hour, each.

Unlimited/Controlled Potential to Emit (tons/yr)

Emission Unit	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG	HAPs	Worst Single HAP	
Line 1 Continuous Fryer	1.26	1.80	1.80	0.00	0.00	0.11	0.00	0.00	0.00	0.00	---
Line 4 Batch Fryers	9.98	18.85	18.85	0.00	0.00	0.03	0.00	0.00	0.00	0.00	---
Line 5 Continuous Fryer	6.83	8.50	8.50	0.00	0.00	0.04	0.00	0.00	0.00	0.00	---
Line 6 Continuous Fryer	1.26	1.80	1.80	0.00	0.00	0.11	0.00	0.00	0.00	0.00	---
Natural Gas Combustion Units	0.73	2.92	2.92	0.23	38.43	2.11	32.28	46397	0.73	0.69	hexane
23 Seasoners	26.66	26.66	26.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
Corn Handling, Receiving, and Storage	2.53	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---
Totals	49.25	61.41	61.41	0.23	38.43	2.41	32.28	46,397	0.73	0.69	hexane

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

Company Name: Krunchers, Inc.
Source Address: 125 Peacely Street, Jeffersonville, IN 47130
FESOP Renewal No: F019-32539-00132
Reviewer: Brian Wright
Date: 30-Nov-12

Heat Input Capacity (MMBtu/hr)	HHV (mmBtu/mmscf)	Potential Throughput (MMCF/yr)
87.7	1000	768.6

Unit ID	Heat Input Capacity (MMBtu/hr)
043-005	6.75
029-004	3.587
4012-026	3.4
4014-026	3.4
4025-026	3.4
4027-026	3.4
026-008	3.3
026-009	3.3
Centrifuges #1	0.4
Centrifuges #2	0.4
Centrifuges #3	0.4
5071-029	25
043-006	6.75
029-005	3.58
Cleaver Brooks Boiler	6.275
Superior Boiler	6.277
003-025	3.7
003-026	3.7
WH No. 2	0.722

Emission Factor in lb/MMCF	Pollutant						
	PM*	PM10*	direct PM2.5*	SO2	NOx	VOC	CO
	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.7	2.9	2.9	0.2	38.4	2.1	32.3

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

PM2.5 emission factor is filterable and condensable PM2.5 combined.

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

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

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

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

See page 3 for HAPs emissions calculations.

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

**Company Name: Krunchers, Inc.
 Source Address: 125 Peacely Street, Jeffersonville, IN 47130
 FESOP Renewal No: F019-32539-00132
 Reviewer: Brian Wright
 Date: 30-Nov-12**

HAPs - Organics					
Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	8.070E-04	4.612E-04	2.882E-02	6.918E-01	1.307E-03

HAPs - Metals						
Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03	Total HAPs
Potential Emission in tons/yr	1.922E-04	4.227E-04	5.380E-04	1.460E-04	8.070E-04	0.73

Methodology is the same as page 2.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.
 See Page 4 for Greenhouse Gas calculations.

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

**Company Name: Krunchers, Inc.
 Source Address: 125 Peacely Street, Jeffersonville, IN 47130
 FESOP Renewal No: F019-32539-00132
 Reviewer: Brian Wright
 Date: 30-Nov-12**

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120,000	2.3	2.2
Potential Emission in tons/yr	46,117	1	1
Summed Potential Emissions in tons/yr	46,118		
CO2e Totals in tons/yr	46,397		

Methodology

The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.

Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

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

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

CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).

**Appendix A: Emissions Calculations
Batch and Continuous Fryers**

**Company Name: Krunchers, Inc.
Source Address: 125 Peacely Street, Jeffersonville, IN 47130
FESOP Renewal No: F019-32539-00132
Reviewer: Brian Wright
Date: 30-Nov-12**

Emissions Unit	Combined Maximum Capacity (tons/year)	Pollutant	Emission Factor (lb/ton)	Potential Emissions Before Controls (tons/yr)	Potential Emissions Before Controls (lbs/hr)	Control Efficiency	Potential Emissions After Controls (tons/yr)	Potential Emissions After Controls (lbs/hr)
Line 1: Continuous Deep Fat Fryer 026-007	11,552	PM	0.56	3.23	0.74	61%	1.26	0.29
	11,552	PM10/PM2.5	0.80	4.62	1.05	61%	1.80	0.41
	11,552	VOC	0.085	0.49	0.11	NA	0.49	0.11
Line 4 Batch Fryers for Potato Chips (6 fryers)	11,088	PM	18.00	99.79	22.78	90%	9.98	2.28
	11,088	PM10/PM2.5	34.00	188.50	43.04	90%	18.85	4.30
	11,088	VOC	0.02	0.11	0.03	NA	0.11	0.03
Line 5 Continuous Fryer for Potato Chips	19,408	PM	1.6	15.53	3.54	56%	6.83	1.56
	19,408	PM10/PM2.5	1.99	19.31	4.41	56%	8.50	1.94
	19,408	VOC	0.02	0.19	0.04	NA	0.19	0.04
Line 6: Continuous Deep Fat Fryer	11,552	PM	0.56	3.23	0.74	61%	1.26	0.29
	11,552	PM10/PM2.5	0.80	4.62	1.05	61%	1.80	0.41
	11,552	VOC	0.085	0.49	0.11	NA	0.49	0.11

Total PM =	121.79	27.81	19.33	4.41
Total PM10/PM2.5 =	217.05	49.55	30.95	7.07
Total VOC =	1.29	0.29	1.29	0.29

Methodology

Potential Emissions Before Controls = Maximum Capacity (tons/year) x Emission Factor (lb/ton) / 2000

PM/PM10 emission factors are from AP-42 9.13.3, SCC 3-02-036-02. PM10 assumed to be filterable and condensable PM combined.

There are no PM2.5 emission factors for fryers in AP-42. Therefore, PM2.5 is assumed to be equal to PM10.

VOC emission factor for Line 1 Continuous Fryer is from AP-42 9.13.3, SCC 3-02-036-02

**Appendix A: Emissions Calculations
Seasoners, Corn Silos, and Dry Corn Handling**

Company Name: Krunchers, Inc.
Source Address: 125 Peacely Street, Jeffersonville, IN 47130
FESOP Renewal No: F019-32539-00132
Reviewer: Brian Wright
Date: 30-Nov-12

Corn Silos, Receiving, Cleaning, and Handling

Emissions Unit	Maximum Capacity (tons/year)	PM Emission Factor (lb/ton)	PM Potential Emissions (tons/yr)	PM10 Emission Factor (lb/ton)	PM10/PM2.5 Potential Emissions (tons/yr)
Corn Silos (Grain Storage)	14,892	0.025	0.19	0.0063	0.05
Grain Receiving	14,892	0.18	1.34	0.059	0.44
Grain Cleaning	14,892	0.075	0.56	0.019	0.14
Grain Handling	14,892	0.06	0.45	0.034	0.25
Total			2.53		0.88

Emission factors for Corn Silos, Receiving, Cleaning, and Handling are from AP-42 9.9.1-1

Seasoners

	Maximum Seasoning Capacity per Seasoner (tons/yr)	Process Weight Rate (lbs/hr)	PM/PM10/PM2.5 Uncontrolled Emissions (tons/yr)*	PM/PM10/PM2.5 Uncontrolled Emissions (lb/hr)
Each Seasoner	115.9	26.46	1.16	0.26
23 Seasoners	2665.7		26.66	6.09

PM/PM10 emissions for seasoners submitted by source.

PM2.5 is assumed to be equal to PM10.

*Assumes a 1% seasoning emission rate based on total estimated seasoning used (50% of product seasoned at 9% of total weight)



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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

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

TO: Ray Walker
Krunchers!, inc.
125 Peacely Street
Jeffersonville, In 47130

DATE: February 14, 2013

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

SUBJECT: Final Decision
FESOP Renewal
019-32539-00132

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Andre Boom – Director of Manufacturing
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07



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February 14, 2013

TO: Jeffersonville Township Public Library

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

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

Applicant Name: Krunchers!, Inc.
Permit Number: 019-32539-00132

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

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

Enclosures
Final Library.dot 11/30/07

Mail Code 61-53

IDEM Staff	GHOTOPP 2/14/2013 Krunchers!, Inc 019-32539-00132 Final		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Ray Walker Krunchers!, Inc 125 Peacely St Jeffersonville IN 47130 (Source CAATS) via confirmed delivery										
2		Andre Boom Dir - Mfg Krunchers!, Inc 125 Peacely St Jeffersonville IN 47130 (RO CAATS)										
3		Ms. Rhonda England 17213 Persimmon Run Rd Borden IN 47106-8604 (Affected Party)										
4		Ms. Betty Hislip 602 Dartmouth Drive, Apt 8 Clarksville IN 47129 (Affected Party)										
5		Mrs. Sandy Banet 514 Haddox Rd Henryville IN 47126 (Affected Party)										
6		Jeffersonville City Council and Mayors Office 500 Quarter Master Jeffersonville IN 47130 (Local Official)										
7		Jeffersonville Twp Public Library 211 E Court Ave, P.O. Box 1548 Jeffersonville IN 47131-1548 (Library)										
8		Mr. Robert Bottom Paddlewheel Alliance P.O. Box 35531 Louisville KY 40232-5531 (Affected Party)										
9		Clark County Board of Commissioners 501 E. Court Avenue Jeffersonville IN 47130 (Local Official)										
10		Clark County Health Department 1320 Duncan Avenue Jeffersonville IN 47130-3723 (Health Department)										
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