



*Mitchell E. Daniels, Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant  
DATE: Sept. 10, 2009  
RE: Holsum of Fort Wayne, Inc. / 091-27352-00106  
FROM: Matthew Stuckey, Deputy 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, 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 4-21.5-3-7 and IC 13-15-6-1(b) or IC 13-15-6-1(a) 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.

For an **initial Title V Operating Permit**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **thirty (30)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(b).

For a **Title V Operating Permit renewal**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **fifteen (15)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(a).

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.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of an initial Title V operating permit, permit renewal, or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency  
401 M Street  
Washington, D.C. 20406

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.



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

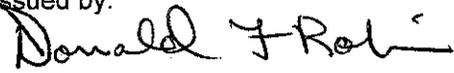
## Part 70 Operating Permit Renewal OFFICE OF AIR QUALITY

**Holsum of Fort Wayne, Inc.  
800 Boyd Boulevard  
LaPorte, Indiana 46350**

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

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

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

Operation Permit Renewal No.: T091-27352-00106	
Issued by:  Donald F. Robin, P.E., Section Chief Permits Branch Office of Air Quality	Issuance Date: Sept. 10, 2009  Expiration Date: Sept. 10, 2014

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## SECTION A SOURCE SUMMARY

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

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

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The Permittee owns and operates a stationary baking plant.

Source Address:	800 Boyd Boulevard, LaPorte, Indiana 46350
Mailing Address:	800 Boyd Boulevard, LaPorte, Indiana 46350
General Source Phone Number:	(219) 362-4561
SIC Code:	2051
County Location:	LaPorte
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Minor Source, under PSD Rules Minor Source, under Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

- (a) One (1) natural gas fired baking oven, identified as Bun Oven, constructed in 1969, with a maximum production of 5,400 pounds per hour of bread and buns, with a maximum heat capacity of 3.055 MMBtu per hour, exhausting at stacks 1 and 2.
- (b) One (1) natural gas fired baking oven, identified as Bread Oven (BD2), constructed in 2005, with a maximum production of 12,075 pounds per hour of bread and buns, with a maximum heat capacity of 7.82 MMBtu per hour, and exhausting at stacks 3 and 4.

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

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

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour:
  - (1) One (1) natural gas fired boiler, identified as B1, constructed in 1980, with a maximum heat capacity of 2.9 MMBtu per hour [326 IAC 6-2-3].
  - (2) One (1) natural gas fired boiler, identified as B2, constructed in 2001, with a maximum heat capacity of 5.4 MMBtu per hour [326 IAC 6-2-4].
- (b) Six (6) flour silos, each having a capacity of 150,000 pounds, with fabric bag filters for equalizing pressure on top of each silo (and not for control), exhausting inside the building [326 IAC 6-3-2].
- (c) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].

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

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

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

## SECTION B GENERAL CONDITIONS

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

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

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

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- (a) This permit, T091-27352-00106, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

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

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

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

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

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

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

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

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- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

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

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

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

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

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

and

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

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

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

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]  
[326 IAC 1-6-3]

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

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

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

- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, and Northwest 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 Compliance and Enforcement Branch)  
Facsimile Number: 317-233-6865  
Northwest Regional Office phone: (219) 757-0265; fax: (219) 757-0267.

- (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 2-7-5(3)(C)(ii) and must contain the following:

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
  - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
  - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.
  - (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report. Any emergencies that have been previously reported pursuant to paragraph (b)(5) of this condition and certified by an "authorized individual" need only referenced by the date of the original report.

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

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

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

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

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

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

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- (a) All terms and conditions of permits established prior to T091-27352-00106 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised under 326 IAC 2-7-10.5, or
  - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

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

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

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

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

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

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

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

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

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

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification,

revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
  - (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-3] [326 IAC 2-7-4] [326 IAC 2-7-8(e)]

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

Request for renewal shall be submitted to:

Indiana Department of Environmental Management  
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 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if,

subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

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

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(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

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

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

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(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

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

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(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b),(c), or (e) without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the 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 2-7-20(b),(c), or (e). The Permittee shall make such records available, upon reasonable request, for public review.

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

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

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

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

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

- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

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

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

**B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]**

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

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

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

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

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

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

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

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

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

B.25 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [62 FR 8314] [326 IAC 1-1-6]

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

## SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

**C.2 Opacity [326 IAC 5-1]**

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

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

**C.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 or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

**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 Stack Height [326 IAC 1-7]**

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

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

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
  - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
  - (2) If there is a change in the following:
    - (A) Asbestos removal or demolition start date;
    - (B) Removal or demolition contractor; or
    - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

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

- (e) **Procedures for Asbestos Emission Control**  
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **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 2-7-6(1)]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]**

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

**C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]**

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- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
  - (1) initial inspection and evaluation;

- (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
  - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
- (1) monitoring results;
  - (2) review of operation and maintenance procedures and records; and/or
  - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
- (1) monitoring data;
  - (2) monitor performance data, if applicable; and
  - (3) corrective actions taken.

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

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

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

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

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

- (a) In accordance with the compliance schedule specified in 326 IAC 2-6-3(b)(1), the Permittee shall submit by July 1 an emission statement covering the previous calendar year as follows:

- (1) starting in 2004 and every three (3) years thereafter, and
  - (2) any year not already required under (1) if the source emits volatile organic compounds or oxides of nitrogen into the ambient air at levels equal to or greater than twenty-five (25) tons during the previous calendar year.
- (b) The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
- (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
  - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

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

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

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

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

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

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

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

- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:
- Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

### **Stratospheric Ozone Protection**

#### **C.20 Compliance with 40 CFR 82 and 326 IAC 22-1**

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

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

**SECTION D.1 FACILITY OPERATION CONDITIONS**

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

(a) One (1) natural gas fired baking oven, identified as Bun Oven, constructed in 1969, with a maximum production of 5,400 pounds per hour of bread and buns, with a maximum heat capacity of 3.055 MMBtu per hour, exhausting at stacks 1 and 2.

(b) One (1) natural gas fired baking oven, identified as Bread Oven (BD2), constructed in 2005, with a maximum production of 12,075 pounds per hour of bread and buns, with a maximum heat capacity of 7.82 MMBtu per hour, and exhausting at stacks 3 and 4.

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

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

**D.1.1 BACT Limit [326 IAC 8-1-6]**

Pursuant to 326 IAC 8-1-6, and pursuant to Significant Source Modification 091-20967-00106, issued on July 11, 2005, the potential to emit of VOC from the Bread Oven (BD2) shall be limited to 60 tons per twelve (12) consecutive month period.

**D.1.2 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2, the Permittee shall comply with the PM limits, when operating at the associated process weight rates, as shown in the table below:

Unit	Process Weight Rate (ton/hr)	PM Limit (lb/hr)
Bun Oven	2.7	8.0
Bread Oven (BD2)	6.04	13.68

The pound per hour limitations were calculated with the following equation:

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

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

**D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]**

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

## Compliance Determination Requirements

### D.1.4 Volatile Organic Compounds

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Compliance with the VOC limit contained in D.1.1 shall be determined by using the following equations:

$$\sum_{m=1}^{12} \left( \sum_{i=1}^n \frac{E_i * B_i}{2000 \text{ lb / ton}} \right)_m$$

Where:

- $B_i$  = The amount of bread of type i produced during month m (tons/month);
- $E_i$  = The VOC emission factor for type i bread (lb of VOC/ton of bread); and
- m = The compliance period is one (1) calendar month.

The emission factor for each type of bread made shall be calculated using the following equation:

$$E_i = 0.95Y_i + 0.195t_i - 0.51S - 0.86t_s + 1.90$$

Where:

- $E_i$  = The VOC emission factor for type i bread (lb of VOC/ton of bread);
- $Y_i$  = Initial baker's percent of yeast;
- $t_i$  = Total yeast action time in hours;
- S = Final (spike) baker's percent of yeast; and
- $t_s$  = Spiking time in hours.

## Record Keeping and Reporting Requirements

### D.1.5 Record Keeping Requirements

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- (a) To document compliance with Conditions D.1.1 and D.1.4, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC emissions limits established in Condition D.1.1.
  - (1) The dates of the compliance period;
  - (2) The amount of each type of bread produced during each compliance period;
  - (3) Information necessary to calculate the VOC emission factor for each type of bread made during the compliance period, including:
    - (A) The initial baker's percent of yeast;
    - (B) The total yeast action time in hours;
    - (C) The final (spike) baker's percent of yeast; and
    - (D) The spiking time in hours.
  - (4) The weight of VOCs emitted for each compliance period.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.1.6 Reporting Requirements

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A quarterly summary of the information to document compliance with Conditions D.1.1 and D.1.4 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

## SECTION D.2 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]: Insignificant Combustion Sources

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour:
- (1) One (1) natural gas fired boiler, identified as B1, constructed in 1980, with a maximum heat capacity of 2.9 MMBtu per hour [326 IAC 6-2-3].
  - (2) One (1) natural gas fired boiler, identified as B2, constructed in 2001, with a maximum heat capacity of 5.4 MMBtu per hour [326 IAC 6-2-4].

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

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

#### D.2.1 Particulate Emission Limitations for Sources of Indirect Heating [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3(e) (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from the 2.9 MMBtu per hour natural gas fired boiler (B1) shall be limited to six tenths (0.6) pounds per million Btu heat input.

#### D.2.2 Particulate Emission Limitations for Sources of Indirect Heating [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4(a) (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from the 5.4 MMBtu per hour natural gas fired boiler (B2) shall be limited to six tenths (0.6) pounds per million Btu heat input.

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

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

## SECTION D.3 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]: Insignificant Flour Silos

- (b) Six (6) flour silos, each having a capacity of 150,000 pounds, with fabric bag filters for equalizing pressure on top of each silo (and not for control), exhausting inside the building [326 IAC 6-3-2].

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

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

#### D.3.1 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from each of the six flour silos shall not exceed 6.1 pounds per hour when operating at a process weight rate of 3,601 pounds per hour, each.

The pounds per hour limitation was calculated with the following equation:

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

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

#### D.3.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

### Compliance Determination Requirements

#### D.3.3 Particulate Control

In order to comply with Condition D.3.1, fabric bag filters for particulate control shall be in operation at all times whenever any of the six (6) flour silos are in operation.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
PART 70 OPERATING PERMIT  
CERTIFICATION**

Source Name: Holsum of Fort Wayne, Inc.  
Source Address: 800 Boyd Boulevard, LaPorte, Indiana 46350  
Mailing Address: 800 Boyd Boulevard, LaPorte, Indiana 46350  
Part 70 Permit No.: T091-27352-00106

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

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

**PART 70 OPERATING PERMIT  
EMERGENCY OCCURRENCE REPORT**

Source Name: Holsum of Fort Wayne, Inc.  
Source Address: 800 Boyd Boulevard, LaPorte, Indiana 46350  
Mailing Address: 800 Boyd Boulevard, LaPorte, Indiana 46350  
Part 70 Permit No.: T091-27352-00106

**This form consists of 2 pages**

**Page 1 of 2**

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

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

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

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

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

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

A certification is not required for this report.

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

**Part 70 Quarterly Report**

Source Name: Holsum of Fort Wayne, Inc.  
Source Address: 800 Boyd Boulevard, LaPorte, Indiana 46350  
Mailing Address: 800 Boyd Boulevard, LaPorte, Indiana 46350  
Part 70 Permit No.: T091-27352-00106  
Facility: Bread Oven (BD2)  
Parameter: VOC  
Limit: 60 tons per 12 consecutive month period with compliance determined at the end of each month

YEAR: \_\_\_\_\_

Month	Column 1	Column 2	Column 1 + Column 2
	VOC	VOC	VOC
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

Source Name: Holsum of Fort Wayne, Inc.  
 Source Address: 800 Boyd Boulevard, LaPorte, Indiana 46350  
 Mailing Address: 800 Boyd Boulevard, LaPorte, Indiana 46350  
 Part 70 Permit No.: T091-27352-00106

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

<p>This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "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	
<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

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

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

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

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

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

Attach a signed certification to complete this report.

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

Addendum to the Technical Support Document (ATSD) for a  
Operating Permit Renewal

**Source Background and Description**

<b>Source Name:</b>	<b>Holsum of Fort Wayne, Inc.</b>
<b>Source Location:</b>	<b>800 Boyd Boulevard, LaPorte, Indiana 46350</b>
<b>County:</b>	<b>LaPorte</b>
<b>SIC Code:</b>	<b>2051</b>
<b>Operation Permit No.:</b>	<b>T091-27352-00106</b>
<b>Permit Reviewer:</b>	<b>John Haney</b>

On July 17, 2009, the Office of Air Quality (OAQ) had a notice published in the LaPorte Herald Argus, LaPorte, Indiana, stating that Holsum of Fort Wayne, Inc had applied to renew their operating permit. The notice also stated that the OAQ proposed to issue an operating permit renewal for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

**Comments and Responses**

No comments were received during the public notice period.

**Additional Changes**

IDEM, OAQ has decided to make additional revisions to the permit as described below, with deleted language as ~~strikeouts~~ and new language **bolded**.

- (a) A different methodology utilizing AP-42 emission factors has been used to recalculate the particulate emissions from the six flour silos. No additional revisions to the permit language are required because of this change in total emissions. A revised emission summary with the revised calculations for the six flour silos is attached in Appendix A of the ATSD.
- (b) The header of the operating permit listed an incorrect operating permit number. The header of the operating permit has been revised as listed below:

*Holsum of Fort Wayne, Inc.  
LaPorte, Indiana  
Permit Reviewer: John Haney*

*Page 1 of 2  
**T091-27352-00106** ~~T091-28352-00106~~*

<b>IDEM Contact</b>
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- (a) Questions regarding this proposed operating permit renewal can be directed to John Haney 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) 234-5328 or toll free at 1-800-451-6027 extension 4-5328.
- (b) A copy of the permit 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](http://www.idem.in.gov)

Summary

Uncontrolled PTE (tons/yr)							
Emission Unit	PM	PM <sub>10</sub>	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	Hexane
Bun Oven	0.02	0.10	0.01	0.07	1.10	1.31	0.02
Baking Process (Bun Oven)	0.00	0.00	0.00	40.03	0.00	0.00	0.00
Bread Oven (BD2)	0.06	0.26	0.02	0.18	2.82	3.36	0.06
Baking Process (Bread Oven)	0.00	0.00	0.00	89.50	0.00	0.00	0.00
Boiler B1	0.02	0.09	0.01	0.07	1.05	1.25	0.02
Boiler B2	0.04	0.18	0.01	0.13	1.99	2.37	0.04
Six (6) Flour Silos <sup>1</sup>	0.21	0.12	0.00	0.00	0.00	0.00	0.00
<b>TOTAL</b>	<b>0.35</b>	<b>0.75</b>	<b>0.05</b>	<b>129.98</b>	<b>6.96</b>	<b>8.29</b>	<b>0.14</b>

<sup>1</sup> The fabric bag filters have been considered as an integral part of the six (6) flour storage silos.  
 Therefore, the permitting level has been determined using the potential to emit after the fabric bag filters.

Controlled PTE (tons/yr)							
Emission Unit	PM	PM <sub>10</sub>	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	Hexane
Bun Oven	0.02	0.10	0.01	0.07	1.10	1.31	0.02
Baking Process (Bun Oven)	0.00	0.00	0.00	40.03	0.00	0.00	0.00
Bread Oven (BD2)	0.06	0.26	0.02	0.18	2.82	3.36	0.06
Baking Process (Bread Oven)	0.00	0.00	0.00	60.00	0.00	0.00	0.00
Boiler B1	0.02	0.09	0.01	0.07	1.05	1.25	0.02
Boiler B2	0.04	0.18	0.01	0.13	1.99	2.37	0.04
Six (6) Flour Silos	0.21	0.12	0.00	0.00	0.00	0.00	0.00
<b>TOTAL</b>	<b>0.35</b>	<b>0.75</b>	<b>0.05</b>	<b>100.48</b>	<b>6.96</b>	<b>8.29</b>	<b>0.14</b>

PM

**Process Descriptions: Six (6) Flour Silos**

**Total Max Throughput: 21,605 lb/hr = 10.803 tons/hr**

**Uncontrolled Emission Factors**

**PM Emission Factor: 3.14 lbs/ton**  
**PM<sub>10</sub> Emission Factor: 1.1 lbs/ton**  
**PM<sub>2.5</sub> Emission Factor: 1.1 lbs/ton**

**Controlled Emission Factors**

**PM Emission Factor: 0.0089 lbs/ton**  
**PM<sub>10</sub> Emission Factor: 0.0049 lbs/ton**  
**PM<sub>2.5</sub> Emission Factor: 0.0049 lbs/ton**

The flour is delivered via tank trucks, and the silos are filled pneumatically. Pressure equalization bags are installed at the top of each silo to equalize the pressure and to prevent the flour from being emitted to the atmosphere.

Emission Factors are from AP-42, Tables 11.12-2, SCC #3-05-011-17 (Cement supplement unloading to elevated storage silo (pneumatic), AP-42, 6/06). There is no emission factor for flour loading in AP-42.

**Potential Uncontrolled PM/PM<sub>10</sub>/PM<sub>2.5</sub> Emissions from Each Silo:**

Unit	Throughput (tons/hr)	Emissions PM (tons/yr)	Emissions PM <sub>10</sub> (tons/yr)	Emissions PM <sub>2.5</sub> (tons/yr)
1 Silo	1.800	24.76	52.05	52.05
6 Silos	10.803	74.28	156.14	156.14

**Controlled PM/PM<sub>10</sub>/PM<sub>2.5</sub> Emissions from Each Silo:**

Unit	Throughput (tons/hr)	Emissions PM (tons/yr)	Emissions PM <sub>10</sub> (tons/yr)	Emissions PM <sub>2.5</sub> (tons/yr)
1 Silo	1.800	0.07	0.04	0.04
6 Silos	10.803	0.21	0.12	0.12

**Methodology**

Emissions (ton/yr) = Throughput (ton/hr) \* Emission Factor (lb/ton) \* 8760 (hr/yr) / 2000 (lb/ton)

**Allowable Emissions (326 IAC 6-3-2)**

Pursuant to 326 IAC 6-3-2:  $E = 4.10 * P^{0.67}$

where P = Process weight rate (tons/hr)                      E (one silo) = 6.08 lb/hr = 26.63 tons/hr  
 E = Limited potential to emit (lb/hr)                      E (all six silos) = 20.20 lb/hr = 88.45 tons/hr

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

Technical Support Document (TSD) for a Part 70 Operating Permit Renewal

**Source Background and Description**

<b>Source Name:</b>	<b>Holsum of Fort Wayne, Inc.</b>
<b>Source Location:</b>	<b>800 Boyd Boulevard, LaPorte, Indiana 46350</b>
<b>County:</b>	<b>LaPorte</b>
<b>SIC Code:</b>	<b>2051</b>
<b>Permit Renewal No.:</b>	<b>T091-27352-00106</b>
<b>Permit Reviewer:</b>	<b>John Haney</b>

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from Holsum of Fort Wayne, Inc. relating to the operation of a stationary bakery plant.

**History**

On January 9, 2009, Holsum of Fort Wayne, Inc. submitted an application to the OAQ requesting to renew its operating permit. Holsum of Fort Wayne, Inc. was issued a Part 70 Operating Permit Renewal on October 15, 2004.

**Permitted Emission Units and Pollution Control Equipment**

- (a) One (1) natural gas fired baking oven, identified as Bun Oven, constructed in 1969, with a maximum production of 5,400 pounds per hour of bread and buns, with a maximum heat capacity of 3.055 MMBtu per hour, exhausting at stacks 1 and 2.
- (b) One (1) natural gas fired baking oven, identified as Bread Oven (BD2), constructed in 2005, with a maximum production of 12,075 pounds per hour of bread and buns, with a maximum heat capacity of 7.82 MMBtu per hour, and exhausting at stacks 3 and 4.

**Specifically Regulated Insignificant Activities**

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

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour:
  - (1) One (1) natural gas fired boiler, identified as B1, constructed in 1980, with a maximum heat capacity of 2.9 MMBtu per hour [326 IAC 6-2-3].
  - (2) One (1) natural gas fired boiler, identified as B2, constructed in 2001, with a maximum heat capacity of 5.4 MMBtu per hour [326 IAC 6-2-4].
- (b) Six (6) flour silos, each having a capacity of 150,000 pounds, with fabric bag filters for equalizing pressure on top of each silo (and not for control), exhausting inside the building [326 IAC 6-3-2].
- (c) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].

### Insignificant Activities

This stationary source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.
- (b) Heat exchanger cleaning and repair.
- (c) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.
- (d) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.

### Existing Approvals

Since the issuance of the Part 70 Operating Permit T091-17680-00106 on October 15, 2004, the source has constructed or has been operating under the following approvals as well:

- (a) First Significant Source Modification No. 091-20967-00106, issued on July 11, 2005; and
- (b) First Significant Permit Modification No. 091-21007-00106, issued on July 26, 2005.

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

The following terms and conditions from previous approvals have been revised in this Part 70 Operating Permit Renewal:

- (a) Equipment Summary

The description of the six (6) flour silos has been revised to indicate fabric bag filters on top of each silo as opposed to a baghouse controlling all of the silos.

- (b) Emission Limitations and Standards, Compliance Determination Requirements

When the BACT limit for the Bread Oven (BD2) was established, pursuant to Significant Source Modification No. 091-20967-00106, LaPorte County was classified as moderate nonattainment for VOC under PSD and Emission Offset. LaPorte County has since been designated as attainment for VOC, so 326 IAC 2-3 is no longer applicable to the BACT limit. The BACT limit will remain unchanged while the corresponding compliance determination requirements have been relocated to the renumbered Condition D.1.4 and clarified. Condition D.1.1 has been revised as follows:

*D.1.1 Volatile Organic Compounds ~~[326 IAC 2-3]~~ [326 IAC 8-1-6]*

*(a) Pursuant to 326 IAC 8-1-6, and to render the requirements of 326 IAC 2-3 not applicable, the potential to emit of VOC from the Bread Oven (BD2) shall be limited to 60 tons per twelve (12) consecutive month period.*

- (c) Record Keeping and Reporting Requirements

The record keeping requirements for the ovens have been spelled out with more detail.

(d) Emission Limitations and Standards

The total particulate limit for the six flour silos has been revised to an individual particulate limit for each silo.

The following terms and conditions from previous approvals have been determined no longer applicable; therefore, were not incorporated into this Part 70 Operating Permit Renewal:

- (a) Pursuant to Significant Source Modification 091-20967-00106, Condition D.1.1(b), Bread Oven (BD1) shall not operate while Bread Oven (BD2) is in operation; Bread Oven (BD1) shall be removed and replaced by Bread Oven (BD2).

Reason not incorporated: Bread Oven (BD1) was physically removed from the facility in 2005.

- (b) Pursuant to Significant Source Modification 091-20967-00106, Condition D.1.3(b), the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.

Reason not incorporated: Documentation for any additional inspections prescribed by the Preventive Maintenance Plan is maintained pursuant to Section B.10; these requirements do not need to be restated in Section D.

The following terms and conditions from previous approvals have been added in this Part 70 Operating Permit Renewal:

- (a) Emission Limitations and Standards

Particulate limitations, pursuant to 326 IAC 6-3-2, have been added for the Bun Oven and Bread Oven (BD2).

- (b) Emission Limitations and Standards

Preventive Maintenance Plan requirements have been added for the Bun Oven, Boiler B1 and B2, and the six (6) flour silos.

- (c) Compliance Determination Requirements

The fabric bag filters for particulate control shall be in operation at all times whenever any of the six (6) flour silos are in operation.

**Air Pollution Control Justification as an Integral Part of the Process**

Pursuant to the Addendum to the Technical Support Document for Part 70 Operating Permit Renewal No. T091-17680-00106, IDEM, OAQ agreed that the fabric bag filters will be considered as an integral part of the six (6) flour storage silos. Therefore, the permitting level will be determined using the potential to emit after the fabric bag filters. Operating conditions in the proposed permit will specify that the fabric bag filters shall operate at all times when any of the six (6) flour storage silos are in operation.

**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 LaPorte County.

Pollutant	Designation
SO <sub>2</sub>	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O <sub>3</sub>	Attainment effective July 19, 2007, for the 8-hour ozone standard. <sup>1</sup>
PM <sub>10</sub>	Unclassifiable effective November 15, 1990.
NO <sub>2</sub>	Cannot be classified or better than national standards.
Pb	Not designated.
<sup>1</sup> Unclassifiable or attainment effective November 15, 1990, for the 1-hour standard which was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM <sub>2.5</sub> .	

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, and St. Joseph as attainment for the 8-hour ozone standard.
- (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.
- (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NO<sub>x</sub>) 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<sub>x</sub> emissions are considered when evaluating the rule applicability relating to ozone. LaPorte County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO<sub>x</sub> emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM<sub>2.5</sub>

LaPorte County has been classified as attainment for PM<sub>2.5</sub>. On May 8, 2008, U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM<sub>2.5</sub> emissions, and the effective date of these rules was July 15, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM<sub>10</sub> emissions as a surrogate for PM<sub>2.5</sub> emissions until 326 IAC 2-2 is revised.

(c) Other Criteria Pollutants

LaPorte County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

- (d) **Fugitive Emissions**  
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, fugitive emissions are not counted toward the determination of PSD applicability.

### Unrestricted Potential Emissions

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

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of VOC is equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (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) Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-7, fugitive emissions are not counted toward the determination of Part 70 applicability.

### Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2006 OAQ emission data.

<b>Pollutant</b>	<b>Actual Emissions (tons/year)</b>
PM	0.17
PM <sub>10</sub>	0.17
PM <sub>2.5</sub>	0.17
SO <sub>2</sub>	0.01
VOC	74.01
CO	1.89
NO <sub>x</sub>	2.25
Total HAPs	not reported

### Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.
- (b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

**Potential to Emit After Issuance**

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

Process/ Emission Unit	Potential to Emit (tons/yr)					
	PM	PM <sub>10</sub>	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>
Bun Oven	0.03	0.10	0.01	0.07	1.12	1.34
Baking Process (Bun Oven)	neg.	neg.	---	40.03	---	---
Bread Oven (BD2)	0.07	0.26	0.02	0.19	2.88	3.43
Baking Process (Bread Oven)	neg.	neg.	---	60	---	---
Boiler (B1)	0.02	0.10	0.01	0.07	1.07	1.27
Boiler (B2)	0.04	0.18	0.01	0.13	1.99	2.37
Six (6) Flour Silos	1.05	1.05	---	---	---	---
<b>Total</b>	<b>1.21</b>	<b>1.69</b>	<b>0.05</b>	<b>100.49</b>	<b>7.05</b>	<b>8.40</b>
<b>Major Source Threshold</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>

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

**Federal Rule Applicability**

**CAM:**

- (a) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to existing emission units that involve a pollutant-specific emission unit and meet the following criteria:
  - (1) has a potential to emit before controls equal to or greater than the major source threshold for the pollutant involved;
  - (2) is subject to an emission limitation or standard for that pollutant; and
  - (3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The following table is used to identify the applicability of each of the criteria, under 40 CFR 64.1, to each existing emission unit and specified pollutant subject to CAM:

Emission Unit / Pollutant	Control Device Used	Emission Limitation/ Standard (Y/N)	Uncontrolled PTE (tons/year)	Controlled PTE (tons/year)	Major Source Threshold (tons/year)	CAM Applicable (Y/N)	Large Unit (Y/N)
Six (6) Flour Silos	fabric bag filters <sup>1</sup>	Y	---	---	---	N	---

<sup>1</sup> Because the fabric bag filters are "inherent process equipment", they are not considered a control device under CAM; therefore, CAM are not applicable.

Based on this evaluation, the requirements of 40 CFR Part 64, CAM are not applicable to any of the existing units as part of this Part 70 permit renewal.

**NSPS (New Source Performance Standards):**

- (b) The requirements of the New Source Performance Standard for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971, 40 CFR 60.40, Subpart D, are not included in the permit for Boiler B-1 and Boiler B-2. They each have a heat input capacity less than 250 MMBtu/hr.
- (c) The requirements of the New Source Performance Standard for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After September 18, 1978, 40 CFR 60.40Da, Subpart Da, are not included in the permit for Boiler B-1 and Boiler B-2. They do not supply electricity to a utility grid.
- (d) The requirements of the New Source Performance Standard for Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40b, Subpart Db, are not included in the permit for Boiler B-1 and Boiler B-2. They each have a heat input capacity less than 100 MMBtu/hr.
- (e) The requirements of the New Source Performance Standard for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60.40c, Subpart Dc, are not included in the permit for Boiler B-1 and Boiler B-2. They each have a heat input capacity less than 10 MMBtu/hr.

**NESHAP (National Emission Standards for Hazardous Air Pollutants):**

- (f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Manufacturing of Nutritional Yeast, Subpart CCCC are not included in the permit. This source does not manufacture nutritional yeast.
- (g) The two boilers (B1 and B2) would have been subject to the requirements of the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (40 CFR 63, Subpart DDDDD). However, on June 8, 2007, the United States Court of appeals for the District of Columbia Circuit (in NRDC v. EPA, no. 04-1386) vacated in its entirety the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters (40 CFR 63, Subpart DDDDD). Additionally, since the state rule at 326 IAC 20-95 incorporated the requirements of 40 CFR 63, Subpart DDDDD by reference, the requirements of 326 IAC 20-95 are no longer effective. Therefore, the requirements of 40 CFR 63, Subpart DDDDD and 326 IAC 20-95 are not included in the permit.

## 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 2-2 (PSD)

- (a) Holsum of Fort Wayne, Inc. was constructed in 1969, prior to the promulgation of the PSD rules and is not in one (1) of the twenty-eight (28) PSD source categories. Pursuant to Part 70 Operating Permit No. T091-7688-00106, issued April 16, 1999, the source was identified as a minor source under PSD. The source is currently operating under Part 70 Operating Permit Renewal No. T091-17680-00106, issued October 15, 2004.
- (b) Pursuant to Significant Source Modification No. 091-20967-00106, issued on July 11, 2005, the Permittee removed one bread oven (BD1) and constructed another bread oven (BD2). The potential to emit of VOC from Bread Oven (BD2) was equal to 89.5 tons per year. However, the Permittee requested to operate the Bread Oven (BD2) with VOC emissions limited to 60 tons per twelve (12) consecutive month period, with compliance determined at the end of each month by using the following equations:

$$\sum_{m=1}^{12} \left( \sum_{i=1}^n \frac{E_i * B_i}{2000lb / ton} \right)_m$$

Where:

- $B_i$  = The amount of bread of type  $i$  produced during month  $m$  (tons/month);  
 $E_i$  = The VOC emission factor for type  $i$  bread (lb of VOC/ton of bread); and  
 $m$  = The compliance period is one (1) calendar month.

The emission factor for each type of bread made shall be calculated using the following equation:

$$E_i = 0.95Y_i + 0.195t_i - 0.51S - 0.86t_s + 1.90$$

Where:

- $E_i$  = The VOC emission factor for type  $i$  bread (lb of VOC/ton of bread);  
 $Y_i$  = Initial baker's percent of yeast;  
 $t_i$  = Total yeast action time in hours;  
 $S$  = Final (spike) baker's percent of yeast; and  
 $t_s$  = Spiking time in hours.

Note: The emission rate equation is from AP-42, Chapter 9.9.6 (Bread Baking).

The net emissions increase from the project (Limited PTE minus Past Actuals) was less than 40 tons per year, maintaining the modification below the significant threshold level for VOC under PSD and Emission Offset since the area was classified as moderate nonattainment in 2005. Therefore, the source remained a PSD minor source.

### 326 IAC 2-3 (Emission Offset)

As of June 15, 2004, LaPorte County had been designated as nonattainment for ozone under the 8-hour standard. The existing source was classified as a major source under the provisions of 326 IAC 2-3 (Emission Offset) because it has the potential to emit greater than 100 tons per year of VOC. However, effective July 19, 2007, LaPorte County has been designated as attainment for ozone under the 8-hour standard. Therefore, the requirements of 326 IAC 2-3 (Emission Offset) do not apply to this source.

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

This source is subject to 326 IAC 2-6 (Emission Reporting) because it is required to have an operating permit under 326 IAC 2-7, Part 70 program. Pursuant to this rule, the Permittee shall submit an emission statement certified pursuant to the requirements of 326 IAC 2-6. In accordance with the compliance schedule specified in 326 IAC 2-6-3, an emission statement must be submitted triennially by July 1 beginning in 2004 and every 3 years after. Therefore, the next emission statement for this source must be submitted by July 1, 2010. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

### **326 IAC 4-1 (Open Burning)**

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.

### **326 IAC 5-1 (Opacity Limitations)**

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

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

### **326 IAC 6-4 (Fugitive Dust Emissions)**

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

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

326 IAC 6-5 applies to sources of fugitive particulate matter emissions located in specific nonattainment areas for particulate matter as of the promulgation of the rule. LaPorte County is not specifically listed in the rule. Therefore, the requirements of 326 IAC 6-5 do not apply to this source.

### **326 IAC 7-1.1-2 (Sulfur Dioxide Limitations)**

Boilers B1 and B2 combust only natural gas. Therefore, the requirements of 326 IAC 7-1.1-2 do not apply to this source.

### **326 IAC 9-1 (Carbon Monoxide Emission Limits)**

Although the source is subject to 326 IAC 9-1 because it is a stationary source of CO emissions commencing operation after March 21, 1972, there are no applicable CO emission limits for this type of source.

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

### **326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))**

The operation of the Bun Oven and the Bread Oven will emit less than 10 tons per year of a single HAP and less than 25 tons per year of a combination of HAPs, each. Therefore, 326 IAC 2-4.1 does not apply.

### **326 IAC 6-2 (Sources of indirect heating)**

- (a) The Bun Oven and Bread Oven (BD2) are not subject to the provisions of 326 IAC 6-2 because these units are not boilers or process heaters.

- (b) Boiler B1, with a maximum heat capacity of 2.9 MMBtu/hr, is subject to 326 IAC 6-2-3 because it was constructed prior to September 21, 1983. The construction date of Boiler B1 was 1980.

Pursuant to this rule, the particulate matter (PM) emissions from the boiler shall not exceed the pound per million Btu limit calculated using the following equation:

$$Pt = \frac{C \times a \times h}{76.5 \times Q^{0.75} \times N^{0.25}}$$

Where:

Pt = pounds of particulate matter emitted per million Btu heat input (lb/MMBtu)

C = 50  $\mu/m^3$

a = plume rise factor (a = 0.67)

h = stack height in feet (h = 51)

Q = total source maximum operating capacity rating (Q = 2.9 MMBtu/hr)

N = number of stacks (N = 1)

Pt = 10.05 lb/MMBtu.

However, pursuant to 326 IAC 6-2-3(e), particulate emissions from all facilities used for indirect heating purposes which have 250 MMBtu/hr heat input or less and which began operation after June 8, 1972, shall in no case exceed 0.6 lbs/MMBtu. Therefore, the PM emission limit for boiler B1 is 0.6 lbs/MMBtu. Based on AP-42 emission factors, the boiler is in compliance with this limitation.

- (c) Boiler B2, with a maximum heat capacity of 5.4 MMBtu/hr, is subject to 326 IAC 6-2-4 because it was constructed after September 21, 1983. The construction date of Boiler B2 was 2001.

Pursuant to 326 IAC 6-2-4(a), the particulate matter (PM) emissions from the boiler shall not exceed the pound per million Btu limit calculated using the following equation:

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

Where:

Pt = Pounds of particulate matter emitted per MMBtu heat input

Q = Total source maximum operating capacity rating in MMBtu/hr heat input  
(Q = 2.9 + 5.4 = 8.3 MMBtu/hr)

Pt = 0.63 lb/MMBtu.

However, for Q less than 10 MMBtu/hr, Pt shall not exceed 0.6 lbs/MMBtu. Therefore, the PM emission limit for boiler B2 is 0.6 lbs/MMBtu. Based on AP-42 emission factors, the boiler is in compliance with this limitation.

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

Pursuant to 326 IAC 6-3-2, the Permittee shall comply with the PM limits, when operating at the associated process weight rates, as shown in the table below:

Unit	Process Weight Rate (tons/hr)	PM Limit (lb/hr)
Bun Oven	2.7	8.0
Bread Oven (BD2)	6.04	13.68
Flour Silo (each)	1.8	6.1

The pounds per hour limitations were calculated with the following equation:

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

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

The fabric bag filters shall be in operation at all times any of the six (6) flour silos are in operation, in order to comply with this limit.

**326 IAC 8-1-6 (New facilities, general reduction requirements)**

- (a) The Bun Oven is exempt from 326 IAC 8-1-6 because the oven was installed in 1969, which is prior to the regulated date of January 1, 1980.
- (b) The Bread Oven (BD2) was constructed in 2005, with potential VOC emissions greater than twenty-five (25) tons per year. Based on the BACT analysis for Significant Source Modification No. 091-20967-00106, IDEM, OAQ has determined BACT to be equivalent to the following requirements:

Pursuant to 326 IAC 8-1-6, the VOC emissions from the Bread Oven (BD2) shall be limited to 60 tons per twelve (12) consecutive month period, with compliance determined at the end of each month by using the following equations:

$$\sum_{m=1}^{12} \left( \sum_{i=1}^n \frac{E_i * B_i}{2000 \text{ lb / ton}} \right)_m$$

Where:

- $B_i$  = The amount of bread of type i produced during month m (tons/month);
- $E_i$  = The VOC emission factor for type i bread (lb of VOC/ton of bread); and
- m = The compliance period is one (1) calendar month.

The emission factor for each type of bread made shall be calculated using the following equation:

$$E_i = 0.95Y_i + 0.195t_i - 0.51S - 0.86t_s + 1.90$$

Where:

- $E_i$  = The VOC emission factor for type i bread (lb of VOC/ton of bread);
- $Y_i$  = Initial baker's percent of yeast;
- $t_i$  = Total yeast action time in hours;
- S = Final (spike) baker's percent of yeast; and
- $t_s$  = Spiking time in hours.

### **326 IAC 8-6-1 (Organic Solvent Emission Limitations)**

Pursuant to 326 IAC 8-6-1(2), the ovens are exempt from this rule because they were not installed between the regulated years of 1974 and 1980. The Bun Oven was installed in 1969. The Bread Oven (BD2) was constructed in 2005.

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

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

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

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

- (a) Compliance with the VOC limit contained in Condition D.1.1 shall be determined by using the equations in Condition D.1.4.
- (b) The fabric bag filters shall operate at all times when any of the six (6) flour storage silos are in operation.

These requirements are required to ensure compliance with 326 IAC 8-1-6 (BACT) and 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes) and to render 326 IAC 2-2 (PSD) not applicable.

There are no compliance monitoring requirements applicable to this source.

### **Recommendation**

The staff recommends to the Commissioner that the Part 70 Operating Permit 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 January 9, 2009. Additional information was received on June 17, 2009.

### **Conclusion**

The operation of this stationary bakery plant shall be subject to the conditions of the attached Part 70 Operating Permit Renewal No. T091-27352-00106.

Summary

Uncontrolled PTE (tons/yr)							
Emission Unit	PM	PM <sub>10</sub>	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	Hexane
Bun Oven	0.02	0.10	0.01	0.07	1.10	1.31	0.02
Baking Process (Bun Oven)	0.00	0.00	0.00	40.03	0.00	0.00	0.00
Bread Oven (BD2)	0.06	0.26	0.02	0.18	2.82	3.36	0.06
Baking Process (Bread Oven)	0.00	0.00	0.00	89.50	0.00	0.00	0.00
Boiler B1	0.02	0.09	0.01	0.07	1.05	1.25	0.02
Boiler B2	0.04	0.18	0.01	0.13	1.99	2.37	0.04
Six (6) Flour Silos <sup>1</sup>	1.05	1.05	0.00	0.00	0.00	0.00	0.00
<b>TOTAL</b>	<b>1.21</b>	<b>1.68</b>	<b>0.05</b>	<b>129.98</b>	<b>6.96</b>	<b>8.28</b>	<b>0.15</b>

<sup>1</sup> The fabric bag filters have been considered as an integral part of the six (6) flour storage silos.  
 Therefore, the permitting level has been determined using the potential to emit after the fabric bag filters.

Controlled PTE (tons/yr)							
Emission Unit	PM	PM <sub>10</sub>	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	Hexane
Bun Oven	0.02	0.10	0.01	0.07	1.10	1.31	0.02
Baking Process (Bun Oven)	0.00	0.00	0.00	40.03	0.00	0.00	0.00
Bread Oven (BD2)	0.06	0.26	0.02	0.18	2.82	3.36	0.06
Baking Process (Bread Oven)	0.00	0.00	0.00	60.00	0.00	0.00	0.00
Boiler B1	0.02	0.09	0.01	0.07	1.05	1.25	0.02
Boiler B2	0.04	0.18	0.01	0.13	1.99	2.37	0.04
Six (6) Flour Silos	1.05	1.05	0.00	0.00	0.00	0.00	0.00
<b>TOTAL</b>	<b>1.21</b>	<b>1.68</b>	<b>0.05</b>	<b>100.48</b>	<b>6.96</b>	<b>8.28</b>	<b>0.15</b>

Natural Gas Combustion  
 MMBtu/hr < 100

**Unit Description: Bun Oven**

Heat Input Capacity  
 MMBtu/hr

3.055

Potential Throughput  
 MMCF/yr

26.237

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	100 **see below	5.5	84.0
Potential Emission in tons/yr	0.025	0.100	0.008	1.312	0.072	1.102

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

\*\*Emission Factors for NO<sub>x</sub>: Uncontrolled = 100, Low NO<sub>x</sub> Burner = 50, Low NO<sub>x</sub> Burners/Flue gas recirculation = 32

Emission Factor in lb/MMcf	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	2.755E-05	1.574E-05	9.839E-04	2.361E-02	4.460E-05

Emission Factor in lb/MMcf	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	6.559E-06	1.443E-05	1.837E-05	4.985E-06	2.755E-05

**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/1,020 MMBtu

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

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

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

Natural Gas Combustion  
 MMBtu/hr < 100

**Unit Description: Bread Oven**

Heat Input Capacity  
 MMBtu/hr

7.82

Potential Throughput  
 MMCF/yr

67.16

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	100 **see below	5.5	84.0
Potential Emission in tons/yr	0.06	0.26	0.02	3.36	0.18	2.82

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

\*\*Emission Factors for NO<sub>x</sub>: Uncontrolled = 100, Low NO<sub>x</sub> Burner = 50, Low NO<sub>x</sub> Burners/Flue gas recirculation = 32

Emission Factor in lb/MMcf	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	7.05E-05	4.03E-05	2.52E-03	6.04E-02	1.14E-04

Emission Factor in lb/MMcf	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	1.68E-05	3.69E-05	4.70E-05	1.28E-05	7.05E-05

**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/1,020 MMBtu

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF) / A72,000 lb/ton

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

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

Bread Baking

**Unit Description:** **Bun Oven**

Maximum Bread Production (lbs bread per hour) =	5,400
Emission Factor (lb VOC per ton bread) =	3.38
<b>PTE of VOC (tons per year) =</b>	<b>40.03</b>

**METHODOLOGY**

As per AP-42, Chapter 9.9.6 - Bread Baking (02/97), the VOC emission factor from the bread baking process can be estimated with the following equation:

$$\text{Emission Factor (lb VOC/ton of baked bread)} = 0.95 Y_i + 0.195 t_i - 0.51 S - 0.86 t_s + 1.90 = \boxed{3.38}$$

where:

Initial baker's percent of yeast ( $Y_i$ ) =	3.59
Total yeast action time in hours ( $t_i$ ) =	2.5
Final (spike) baker's percent of yeast ( $S$ ) =	2.54
Spiking time in hours ( $t_s$ ) =	1.3

$$\text{PTE of VOC (ton/year)} = \text{Max. Bread Production (lbs/hour)} * \text{VOC EF (lb VOC/ton buns)} * 1 \text{ ton}/2000 \text{ lbs} * 8760 \text{ hours/year} * 1 \text{ ton}/2000 \text{ lbs}$$

**Unit Description:** **Bread Oven**

Maximum Bread Production (lbs bread per hour) =	12,075
Emission Factor (lb VOC per ton bread) =	3.38
<b>PTE of VOC (tons per year) =</b>	<b>89.50</b>

**METHODOLOGY**

As per AP-42, Chapter 9.9.6 - Bread Baking (02/97), the VOC emission factor from the bread baking process can be estimated with the following equation:

$$\text{Emission Factor (lb VOC/ton of baked bread)} = 0.95 Y_i + 0.195 t_i - 0.51 S - 0.86 t_s + 1.90 = \boxed{3.38}$$

where:

Initial baker's percent of yeast ( $Y_i$ ) =	3.59
Total yeast action time in hours ( $t_i$ ) =	2.5
Final (spike) baker's percent of yeast ( $S$ ) =	2.54
Spiking time in hours ( $t_s$ ) =	1.3

$$\text{PTE of VOC (ton/year)} = \text{Max. Bread Production (lbs/hour)} * \text{VOC EF (lb VOC/ton buns)} * 1 \text{ ton}/2000 \text{ lbs} * 8760 \text{ hours/year} * 1 \text{ ton}/2000 \text{ lbs}$$

Natural Gas Combustion  
 MMBtu/hr < 100

**Unit Description: Boiler B1**

Heat Input Capacity  
 MMBtu/hr

2.9

Potential Throughput  
 MMCF/yr

24.9

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	100 **see below	5.5	84.0
Potential Emission in tons/yr	0.0	0.1	0.0	1.2	0.1	1.0

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

\*\*Emission Factors for NO<sub>x</sub>: Uncontrolled = 100, Low NO<sub>x</sub> Burner = 50, Low NO<sub>x</sub> Burners/Flue gas recirculation = 32

Emission Factor in lb/MMcf	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	2.6E-05	1.5E-05	9.3E-04	2.2E-02	4.2E-05

Emission Factor in lb/MMcf	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	6.2E-06	1.4E-05	1.7E-05	4.7E-06	2.6E-05

**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/1,020 MMBtu

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

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

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

Natural Gas Combustion  
 MMBtu/hr < 100

**Unit Description: Boiler B2**

Heat Input Capacity  
 MMBtu/hr

5.4

Potential Throughput  
 MMCF/yr

47.3

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	100 **see below	5.5	84.0
Potential Emission in tons/yr	0.0	0.2	0.0	2.4	0.1	2.0

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

\*\*Emission Factors for NO<sub>x</sub>: Uncontrolled = 100, Low NO<sub>x</sub> Burner = 50, Low NO<sub>x</sub> Burners/Flue gas recirculation = 32

Emission Factor in lb/MMcf	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	5.0E-05	2.8E-05	1.8E-03	4.3E-02	8.0E-05

Emission Factor in lb/MMcf	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	1.2E-05	2.6E-05	3.3E-05	9.0E-06	5.0E-05

**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

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

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

PM

<b>Unit Description:</b>	<b>Six (6) Flour Silos</b>		
Total flour throughput	21,605 lb/hr	= 10.8 tons/hr	= 1.8 tons/hr per Silo
Emissions	5.0 lb of flour lost for every 45,000 lb of flour delivered		
Bag filter control efficiency	90 %		
Uncontrolled PM emissions =	2.40 lb/hr	= 10.51 tons/yr	= <b>1.75 tons/yr per Silo</b>
Controlled PM emissions =	0.24 lb/hr	= 1.05 tons/yr	= <b>0.18 tons/yr per Silo</b>

**METHODOLOGY**

Uncontrolled PM emissions = Total flour throughput (lb/hr) \* lb flour lost/lb flour delivered  
 Controlled PM emissions = Uncontrolled PM emissions \* ( 1 - control efficiency/100)  
 PM emissions per Silo = Controlled PM emissions / 6 Silos

Throughput and emission data was obtained from T091-7688-00106, issued April 6, 1999

**Allowable Emissions (326 IAC 6-3-2)**

Pursuant to 326 IAC 6-3-2:  $E = 4.10 P^{0.67}$

where: P = Process weight rate (tons/hr)  
 E = Limited Potential to Emit (lb/hr)

E (total) =	20.20 lb/hr	= 88.45 tons/yr	
E (per Silo) =	6.08 lb/hr		= <b>26.63 tons/yr per Silo</b>



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
**Governor**

*Thomas W. Easterly*  
**Commissioner**

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

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

**TO:** Robert M. Renock  
Holsum of Fort Wayne, Inc.  
500 N. Fulton Ave.  
Evansville IN 41170

**DATE:** Sept. 10, 2009

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

**SUBJECT:** Final Decision  
Title V Renewal  
091-27352-00106

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:  
John West VP/GM Holsum of Fort Wayne, Inc.  
Leslie Ashley Air Quality Services, LLC  
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](mailto:jbrush@idem.IN.gov).

Final Applicant Cover letter.dot 11/30/07



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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Sept. 10, 2009

TO: LaPorte Co. Public Library

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

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

**Applicant Name: Holsum of Fort Wayne, Inc.**  
**Permit Number: 091-27352-00106**

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	BMILLER 9/10/2009 Holsum Of Fort Wayne, Inc. 091-27352-00106 (final)		Type of Mail:  <b>CERTIFICATE OF MAILING ONLY</b>	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		Robert M Renock Holsum Of Fort Wayne, Inc. 500 N Fulton Ave Evansville IN 41170 (Source CAATS) <b>Via Confirmed Delivery</b>										
2		John West VP / GM Holsum Of Fort Wayne, Inc. 800 Boyd Blvd LaPorte IN 46350 (RO CAATS)										
3		Laurence A. McHugh Barnes & Thornburg 100 North Michigan South Bend IN 46601-1632 (Affected Party)										
4		LaPorte Co Public Library LaPorte Branch, 904 Indiana Ave. LaPorte IN 46350-4307 (Library)										
5		LaPorte City Council/ Mayors Ofc. 801 Michigan Avenue LaPorte IN 46350 (Local Official)										
6		LaPorte County Commissioners 555 Michigan Avenue # 202 LaPorte IN 46350 (Local Official)										
7		Mr. Chris Hernandez Pipefitters Association, Local Union 597 8762 Louisiana St., Suite G Merrillville IN 46410 (Affected Party)										
8		LaPorte County Health Department County Complex, 4th Floor, 809 State St. LaPorte IN 46350-3329 (Health Department)										
9		Mr. Dick Paulen Barnes & Thornburg 121 W Franklin Street Elkhart IN 46216 (Affected Party)										
10		Ms. Mindy Heidel 9223 Broadway Suite A Merrillville IN 46410 (Affected Party)										
11		Leslie Ashley Air Quality Services, LLC 425 Main Street Evansville IN 47708 (Consultant)										
12												
13												
14												
15												

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