INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

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: December 29, 2008

RE: Frito-Lay Incorporated / 023-21412-00020

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:

Recycled Paper An Equal Opportunity Employer *Please Recycle*

(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 impractible 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.

Enclosures
FNTVOP.dot12/3/07

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

Part 70 Operating Permit Renewal
OFFICE OF AIR QUALITY

Frito-Lay Incorporated
323 S 300 W
Frankfort, Indiana 46041

(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. This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-7-10.5, applicable to those conditions

Operation Permit No.: T023-21412-00020	
Issued by: Donald F. Robin, P.E., Section Chief Permits Branch Office of Air Quality	Issuance Date: December 29, 2008 Expiration Date: December 29, 2013

TABLE OF CONTENTS

A. SOURCE SUMMARY 5
- A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(15)][326 IAC 2-7-1(22)]
- A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]
- A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]
- A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

B. GENERAL CONDITIONS 13
- B.1 Definitions [326 IAC 2-7-1]
- 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)]
- B.3 Term of Conditions [326 IAC 2-1.1-9.5]
- B.4 Enforceability [326 IAC 2-7-7] [IC 13-17-12]
- B.5 Severability [326 IAC 2-7-5(5)]
- B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]
- B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]
- B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]
- B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]
- 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]
- B.11 Emergency Provisions [326 IAC 2-7-16]
- B.12 Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]
- B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]
- B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]
- B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]
- 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]
- B.17 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]
- B.18 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]
- B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12(b)(2)]
- B.20 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]
- B.21 Source Modification Requirement [326 IAC 2-7-10.5]
- 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]
- B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]
- B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]
- B.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

C. SOURCE OPERATION CONDITIONS 24

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]
- C.2 Opacity [326 IAC 5-1]
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
- C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]
- C.5 Fugitive Dust Emissions [326 IAC 6-4]
- C.6 Stack Height [326 IAC 1-7]
- C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

Testing Requirements [326 IAC 2-7-6(1)]
- C.8 Performance Testing [326 IAC 3-6]

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

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)]
C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]
C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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]
C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]
C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]
C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

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]
C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]
C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2]

Stratospheric Ozone Protection
C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

D.1 FACILITY OPERATION CONDITIONS - West Plant 33

Emission Limitations and Standards [326 IAC 2-7-5(1)]
D.1.1 Particulate Matter (PM) [326 IAC 6-3-2]
D.1.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements
D.1.3 Particulate Matter (PM)

D.2 FACILITY OPERATION CONDITIONS - EAST PLANT 38

Emission Limitations and Standards [326 IAC 2-7-5(1)]
D.2.1 Particulate [326 IAC 6-3-2]
D.2.2 Minor Source Modification [326 IAC 2-7-10.5(d)(5)(C)]
D.2.3 PSD Minor Limits [326 IAC 2-2]
D.2.4 Volatile Organic Compound Emission Limitations [326 IAC 8-1-6]
D.2.5 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]
D.2.6 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]
D.2.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements
D.2.8 Particulate Matter (PM)
D.2.9 Visible Emissions Notations [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]
D.2.10 Record Keeping Requirements

D.3 FACILITY OPERATION CONDITIONS - Coal Boiler 46

Emission Limitations and Standards [326 IAC 2-7-5(1)]
D.3.1 PSD Minor Limit [326 IAC 2-2]
D.3.2 Particulate Matter (PM) [326 IAC 6-2-4]
D.3.3 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]
D.3.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements
D.3.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 2-7-5(3)(A)] [326 IAC 2-7-6]
D.3.6 Particulate Matter (PM)

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]
D.3.7 Visible Emissions Notations [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]
D.3.8 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]
D.3.9 Broken or Failed Bag Detection

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]
D.3.10 Record Keeping Requirements
D.3.11 Reporting Requirements

D.4 FACILITY OPERATION CONDITIONS - Boiler 50

Emission Limitations and Standards [326 IAC 2-7-5(1)]
D.4.1 PSD Minor Limit [326 IAC 2-2]
D.4.2 Particulate Matter (PM) [326 IAC 6-2-3]
D.4.3 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]
D.4.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements
D.4.5 Sulfur Dioxide Emissions and Sulfur Content

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]
D.4.6 Visible Emissions Notations [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]
D.4.7 Record Keeping Requirements
D.4.8 Reporting Requirements

Certification 54
Emergency/Deviation Occurrence Report 55
Natural Gas Fired Boiler Certification 57
Quarterly Report 58
Semi-Annual Report 61
Quarterly Compliance Monitoring Report 62

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)]

The Permittee owns and operates a stationary manufacturing operation producing various snackfood products.

Source Address:	323 S 300 W, Frankfort, Indiana 46041
Mailing Address:	323 S 300 W, Frankfort, Indiana 46041
General Source Phone Number:	765-659-1831
SIC Code:	2096
County Location:	Clinton
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source, under PSD Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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

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

(a) West plant, consisting of the following:

(1) Production line #1, consisting of:

(A) one (1) PC#1 (Line#1) Cooker, identified as CP2, constructed in 1980 utilizing oil mist eliminators to control particulate matter, capable of exhausting to stacks CP 2-11, CP11A&B and CP2A&B.

(2) Production line #2, consisting of:

(A) one (1) PC #2 (Line #2) Cooker, identified as CP11, constructed in 1986 utilizing oil mist eliminators to control particulate matter, with each unit capable of exhausting to stacks CP 2-11, CP11A&B and CP2A&B.

(3) Production line #3, consisting of:

(A) one (1) FCC (Line#3) Cooker, identified as CP3A, constructed in 1980, exhausting to stack CP-3A.

(4) Production line #4, consisting of:

(A) one (1) DTC #1 (Line#4) Cooker, identified as CP5A, constructed in 1980 and exhausting to stack CP-5A;

(B) one (1) natural gas fired DTC #1 (Line#4) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP5C and constructed in 1980 exhausting to stack CP-5C ; and

(C) one (1) DTC #1 (Line #4) Ambient Air Cooler, identified as CP5D(F), constructed in 2000, and vented indoors.

(5) Production line #5, consisting of:

(A) one (1) DTC #2 (Line#5) Cooker, identified as CP6A, constructed in 1980 and exhausting to stack CP-6A;

(B) one (1) natural gas fired DTC #2 (Line#5) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP6C, constructed in 1980 and exhausting to stack CP-6C; and

(C) one (1) DTC #2 (Line #5) Ambient Air Cooler, identified as CP6D, constructed in 2000, and exhausting to stack CP-6D.

(6) Production line #6, consisting of:

(A) one (1) UTC/RSTC #1 (Line#6) Cooker, identified as CP7A, constructed in 1980 and exhausting to stack CP-7A;

(B) one (1) natural gas fired UTC/RSTC #1 (Line#6) oven, using propane as a backup fuel, rated at 3.1 MMBtu/hr, identified as CP7C, constructed in 1980 and exhausting to stack CP-7C;

(C) one (1) natural gas fired UTC/RSTC #1 (Line#6) oven, using propane as a backup fuel, rated at 3.1 MMBtu/hr, identified as CP7D, constructed in 1980 and exhausting to stack CP-7D; and

(D) One (1) UTC/RSTC #1 (Line #6) Ambient Air Cooler, identified as CP7E, constructed in 2000, and exhausting to stack CP-7E.

(7) Production line #7, consisting of:

(A) one (1) UTC (Line #7) Cooker, identified as CP13A, constructed in 1980 and exhausting to stack CP-13A;

(B) one (1) natural gas fired UTC (Line #7) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP14, constructed in 1980 and exhausting to stack CP-14; and

(C) one (1) natural gas fired UTC (Line #7) burner, using propane as a backup fuel, rated at 4.0 MMBtu/hr, identified as CP13B, constructed in 1980 and exhausting to CP-13B.

(8) Production line #8, consisting of:

(A) one (1) UTC/RSTC #2 (Line#8) Cooker, identified as CP8A, constructed in 1980 and exhausting to stack CP-8A;

(B) one (1) natural gas fired UTC/RSTC #2 (Line#8) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP8C, constructed in 2000 and exhausting to stack CP-8C; and

(C) one (1) natural gas fired UTC/RSTC #2 (Line #8) Burner, using propane as a backup fuel, identified as CP8B, constructed in 1980, with a

maximum rated heat input of 4.0 MMBtu/hr and exhausting to stack CP-8B.

(9) Production line #9, consisting of:

(A) one (1) FCP (Line #9) Cooker, identified as CP4A, constructed in 1980 and exhausting to stack CP-4A;

(B) one (1) FCP (Line #9) natural gas burner, using propane as a backup fuel, rated at 1.1 MMBtu/hr, identified as CP4B, constructed in 1980 and exhausting to stack CP-4B; and

(C) one (1) FCP (Line#9) Extruder w/Rotoclone, identified as CP4C, constructed in 1980 and exhausting to stack CP-4C.

(10) Storage and transfer operations, consisting of:

(A) four (4) Corn Receiving/Storage (4 silos), identified as CP9A (F), constructed in 1980 and exhausting to stack CP9A (F);

(B) one (1) Corn Internal Ops (Cleaner A), identified as CP9B1, constructed in 1980, utilizing a fabric filter for particulate control and exhausting to stack CP-9B1;

(C) one (1) Corn Internal Ops (Cleaner B), identified as CP9B2, constructed in 1980, utilizing a cyclone for particulate control and exhausting to stack CP-9B2;

(D) one (1) Coal Storage Silo, identified as CP10B, constructed in 1984, utilizing a bin vent for particulate control and exhausting to stack CP-10B;

(E) one (1) Ash Storage Silo, identified as CP10C, constructed in 1984, utilizing a fabric filter for particulate control and exhausting to stack CP-10C;

(F) one (1) LBCSS Transfer, identified as CP16, constructed in 1999, utilizing a fabric filter for particulate matter control and exhausting to stack CP-16;

(G) one (1) Lime Transfer, identified as CP17, constructed in 1999, utilizing a fabric filter for particulate matter control and exhausting to stack CP-17;

(H) one (1) FCP (Line #9) bulk corn meal unloading #1, identified as CP4D, constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting to stack CP-4D;

(I) one (1) FCP (Line #9) bulk corn meal storage (2 silos), identified as CP4E, constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting to stack CP-4E; and

(J) one (1) FCP (Line #9) bulk corn meal transfer, identified as CP4F(F), constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting indoors as fugitive dust.

(11) Miscellaneous operations, consisting of:

(A) one (1) natural gas fired Auxiliary Burner (Sidewall), using propane as a backup fuel, identified as CP10A, constructed in 1984, with a maximum rated heat input of 28 MMBtu/hr and exhausting to stack CP-10A;

(B) one (1) natural gas fired starch dryer, using propane as a backup fuel, rated at 1.5 MMBtu/hr, identified as CP12, constructed in 1986 and exhausting to stack CP-12; and

(C) one (1) natural gas fired auxiliary boiler, using propane as a backup fuel, rated at 6.75 MMBtu/hr, identified as CP15, constructed in 1988 and exhausting to stack CP-15.

(b) East plant, consisting of the following:

(1) Production line #1, consisting of:

(A) one (1) natural gas fired BPC#1 primary dryer (Line #1), using propane as a backup fuel, rated at 9.6 MMBtu/hr, identified as NBP42, constructed in 1995 and exhausting to stack NBP-42&43; and

(B) one (1) natural gas fired BPC#1 secondary dryer (Line #1), using propane as a backup fuel, rated at 3.0 MMBtu/hr, identified as NBP44, constructed in 1995 and exhausting to stack NBP-44&45.

(2) Production line #2, consisting of:

(A) one (1) natural gas fired RSTC oven (Line #2), using propane as a backup fuel, rated at 9.9 MMBtu/hr, identified as NBP65, constructed in 2000 and exhausting to stack NBP-65;

(B) one (1) RSTC cooker (Line #2), identified as NBP66, utilizing an oil mist eliminator for particulate matter control, constructed in 2000 and exhausting to stack NBP-66; and

(C) one (1) RSTC Ambient Air Cooler (Line #2), identified as NBP67, constructed in 2000 and exhausting to stack NBP-67.

(3) Production line #3, consisting of:

(A) one (1) natural gas fired BTC#2 baking oven (Line #3), using propane as a backup fuel, rated at 9.73 MMBtu/hr, identified as NBP34, constructed in 2001 and exhausting to stack NBP-34;

(B) one (1) natural gas fired BTC#2 primary dryer (Line #3), using propane as a backup fuel, rated at 10.0 MMBtu/hr, identified as NBP35, modified in 2001 and exhausting to stack NBP-35; and

(C) one (1) steam-heated BTC #2 cooker (Line #3) utilizing an oil mist eliminator for particulate control, identified as NBP36, constructed in 2001 and exhausting to stack NBP-36.

(4) Production line #4, consisting of:

(A) one (1) Sunchips Cooker (Line #4), identified as NBP5, constructed in 1990 and exhausting to stack NBP-5;

(B) one (1) Sunchips Sifter (Line #4), identified as NBP7, constructed in 1990 and exhausting to stack NBP-7; and

(C) one (1) Sunchips Ambient Air Cooler Cooler (Line #4), identified as NBP8, constructed in 1990 and exhausting to stack NBP-8.

(5) Production line #5, consisting of:

(A) one (1) natural gas fired BCP oven (Line #5), using propane as a backup fuel, rated at 2.5 MMBtu/hr, identified as NBP11A, constructed in 1991 and exhausting to stack NBP-11A; and

(B) one (1) BCP Extruder (Line #5), identified as NBP11B, constructed in 1991 and exhausting to stack NBP-11B;

(6) Production line #6, consisting of:

(A) one (1) natural gas fired popcorn oven (Line #6), using propane as a backup fuel, rated at 0.8 MMBtu/hr, identified as NBP12, constructed in 1992 and exhausting to stack NBP-12.

(7) Production line #7, consisting of:

(A) one (1) natural gas fired PRTZ#1 cooker (Line #7), using propane as a backup fuel, rated at 0.3 MMBtu/hr, identified as NBP53, constructed in 1995 and exhausting to stack NBP-53; and

(B) one (1) natural gas fired PRTZ#1 oven (Line #7), using propane as backup fuel, rated at 4.6 MMBtu/hr, identified as NBP54, constructed in 1995 and exhausting to stacks NBP-54-58.

(8) Production Line #8, consisting of:

(A) One (1) natural gas fired primary oven, identified as NBP68, approved for construction in 2007, with a rated capacity of 27.5 MMBtu/hr, using propane as a backup fuel, exhausting to stacks NBP68 A & B; and

(B) One (1) natural gas fired final dryer, identified as unit NBP69, approved for construction in 2007, with a rated capacity of 4.4 MMBtu/hr, using propane as a backup fuel, exhausting to stack NBP69.

(9) Storage and transfer operations, consisting of:

(A) one (1) BPC#1 Receiving/Storage (Silo 1), identified as NBP37, constructed in 1995, utilizing a fabric filter for particulate control and exhausting to stack NBP-37;

(B) one (1) BPC#1 Receiving/Storage (Silo 2), identified as NBP38, constructed in 1995, utilizing a fabric filter for particulate control and exhausting to stack NBP-38;

(C) one (1) BPC#1 Material Transfer, identified as NBP41(F), constructed in 1995 utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust;

(D) three (3) Corn Receiving/Storage (3 silos), identified as NBP9A(F) constructed in 1990 and exhausting to stack NBP-9A(F);

(E) Corn Internal Ops (Cleaner), identified as NBP9B (F), constructed in 1990, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(F) one (1) Wheat Grain Receiving/Storage (Silo 1), identified as NBP18, constructed in 1994, utilizing a fabric filter for particulate control and exhausting to stack NBP-18;

(G) one (1) Wheat Grain Receiving/Storage (Silo 2), identified as NBP19, constructed in 1994, utilizing a fabric filter for particulate control and exhausting to stack NBP-19;

(H) one (1) whole Grain Cleaner, identified as NBP17(F), constructed in 1994, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(I) one (1) Corn Meal Receiving/Storage (Silo 1), identified as NBP20, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-20;

(J) one (1) Corn Meal Receiving/Storage (Silo 2), identified as NBP21, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-21;

(K) one (1) Corn Meal Transfer, identified as NBP22(F), constructed in 1991, utilizing a fabric filter and exhausting indoors as fugitive dust:

(L) one (1) Wheat Meal Receiving/Storage (Silo 1), identified as NBP23, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-23;

(M) one (1) Wheat Meal Receiving/Storage (Silo 2), identified as NBP24, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-24;

(N) one (1) Wheat Meal Transfer, identified as NBP25(F), constructed in 1991, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(O) one (1) corn Unloading/Storage Silo #4 , identified as NBP9C, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-9C;

(P) one (1) corn Unloading/Storage Silo #5, identified as NBP9D, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-9D;

(Q) one (1) corn Transfer/Cleaner, identified as NBP9E, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP9E;

(R) one (1) corn Unloading/Storage Silo #6, identified as NBP9G, constructed in 2003, utilizing a fabric filter for particulate control and

exhausting to stack NBP-9G;

(S) one (1) cornmeal Unloading Silo #3, identified as NBP22A, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-22A;

(T) two (2) raw material storage silos, identified as NBP39 and NBP40, constructed in 2006, each equipped with a fabric filter for particulate control, and exhausting to stacks NBP-39 and NBP-40, respectively, and

(U) two (2) raw material storage silos, identified as NBP70A and NBP70B, constructed in 2007, each with a maximum throughput of material of 6,000 lbs/hour, each equipped with a fabric filter for particulate control, and exhausting to stacks NBP-70A and NBP-70B, respectively.

(10) Miscellaneous operations, consisting of:

(A) six (6) parts washers constructed in 1985, with a maximum usage of less than 145 gallons of solvent per year.

(11) New unnamed cooker, identified as NBP71, approved for construction in 2008 and exhausting to stack NBP-71.

(c) Coal Fired boiler, consisting of:

(1) one (1) Coal fired Boiler, identified as CP10A, constructed in 1984, with a maximum rated heat input of 56.25 MMBtu/hr, utilizing a baghouse for particulate control and exhausting to stack CP-10A.

(d) Fuel Oil combustion devices, consisting of:

(1) one (1) natural gas fired boiler, using propane, #2 or #6 fuel oil as backup fuels, rated at 61 MMBtu/hr, identified as CP1A, constructed in 1980 and exhausting to stack CP-1; and

(2) one (1) natural gas fired boiler, using propane, #2 or #6 fuel oil as backup fuels, rated at 61 MMBtu/hr, identified as CP1B, constructed in 1980 and exhausting to stack CP-1.

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

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

(a) Cleaners and solvents characterized as follows: A) having a vapor pressure equal to or less than 2kPa; 15 mm Hg; or 0.3 psi measured at 38 degrees C (100 degrees F) or; B) having a vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20 degrees C (68 degrees F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months. [326 IAC 8-3-2] [326 IAC 8-3-5]

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

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

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

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

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

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

(a) This permit, T023-21412-00020, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

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

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

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

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

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

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

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

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. 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)]

(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)]

(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 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]

(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]

(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, 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 Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865

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

Indiana Department of Environmental Management
Compliance 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.

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]

(a) All terms and conditions of permits established prior to T023-21412-00020 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 combined permit, all previous registrations and permits are superseded by this combined new source review and part 70 operating permit.

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

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

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

(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 Data Section, 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]

(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
Permits Branch, 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]

(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
Permits Branch, 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)]

(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]

(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
Permits 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, 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]

(a) A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

(b) Any modification at an existing major source is governed by the requirements of 326 IAC 2-2.

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]

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]

(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
Permits Branch, 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). 326 IAC 6-4-2(4) is not federally enforceable.

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

C.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
Asbestos Section, Office of Air Quality
100 North Senate Avenue
MC 61-52 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. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

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

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

(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 Data Section, 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]

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)]

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 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]

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)]

(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]

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

(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on March 10, 2004.

(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]

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]

(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) Pursuant to 326 IAC 2-6-3(b)(2), starting in 2005 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

(2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(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).

(b) 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] [326 IAC 2-2] [326 IAC 2-3]

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

(c) If there is a reasonable possibility (as defined in 40 CFR 51.165(a)(6)(vi)(A), 40 CFR 51.165(a)(6)(vi)(B), 40 CFR 51.166(r)(6)(vi)(a), and/or 40 CFR 51.166(r)(6)(vi)(b)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:

(1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, document and maintain the following records:

(A) A description of the project.

(B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.

(C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:

(i) Baseline actual emissions;

(ii) Projected actual emissions;

(iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1 (mm)(2)(A)(iii); and

(iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.

(d) If there is a reasonable possibility (as defined in 40 CFR 51.165(a)(6)(vi)(A) and/or 40 CFR 51.166(r)(6)(vi)(a)) that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:

(1) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and

(2) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

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

(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 Data Section, 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.

(f) If the Permittee is required to comply with the recordkeeping provisions of (d) in Section C - General Record Keeping Requirements for any “project” (as defined in 326 IAC 2-2-1 (qq) and/or 326 IAC 2-3-1 (ll)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:

(1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C- General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C- General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1 (xx) and/or 326 IAC 2-3-1 (qq), for that regulated NSR pollutant, and

(2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).

(g) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:

(1) The name, address, and telephone number of the major stationary source.

(2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C - General Record Keeping Requirements.

(3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).

(4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

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

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

Stratospheric Ozone Protection

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

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

(a) West plant, consisting of the following:

(1) Production line #1, consisting of:

(A) one (1) PC#1 (Line#1) Cooker, identified as CP2, constructed in 1980 utilizing oil mist eliminators to control particulate matter, capable of exhausting to stacks CP 2-11, CP11A&B and CP2A&B.

(2) Production line #2, consisting of:

(A) one (1) PC #2 (Line #2) Cooker, identified as CP11, constructed in 1986 utilizing oil mist eliminators to control particulate matter, with each unit capable of exhausting to stacks CP 2-11, CP11A&B and CP2A&B.

(3) Production line #3, consisting of:

(A) one (1) FCC (Line#3) Cooker, identified as CP3A, constructed in 1980, exhausting to stack CP-3A.

(4) Production line #4, consisting of:

(A) one (1) DTC #1 (Line#4) Cooker, identified as CP5A, constructed in 1980 and exhausting to stack CP-5A;

(B) one (1) natural gas fired DTC #1 (Line#4) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP5C and constructed in 1980 exhausting to stack CP-5C ; and

(C) one (1) DTC #1 (Line #4) Ambient Air Cooler, identified as CP5D(F), constructed in 2000, and vented indoors.

(5) Production line #5, consisting of:

(A) one (1) DTC #2 (Line#5) Cooker, identified as CP6A, constructed in 1980 and exhausting to stack CP-6A;

(B) one (1) natural gas fired DTC #2 (Line#5) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP6C, constructed in 1980 and exhausting to stack CP-6C; and

(C) one (1) DTC #2 (Line #5) Ambient Air Cooler, identified as CP6D, constructed in 2000, and exhausting to stack CP-6D.

(6) Production line #6, consisting of:

(A) one (1) UTC/RSTC #1 (Line#6) Cooker, identified as CP7A, constructed in 1980 and exhausting to stack CP-7A;

(B) one (1) natural gas fired UTC/RSTC #1 (Line#6) oven, using propane as a backup fuel, rated at 3.1 MMBtu/hr, identified as CP7C, constructed in 1980 and exhausting to stack CP-7C;

(C) one (1) natural gas fired UTC/RSTC #1 (Line#6) oven, using propane as a backup fuel, rated at 3.1 MMBtu/hr, identified as CP7D, constructed in 1980 and exhausting to stack CP-7D; and

(D) One (1) UTC/RSTC #1 (Line #6) Ambient Air Cooler, identified as CP7E, constructed in 2000, and exhausting to stack CP-7E.

(7) Production line #7, consisting of:

(A) one (1) UTC (Line #7) Cooker, identified as CP13A, constructed in 1980 and exhausting to stack CP-13A;

(B) one (1) natural gas fired UTC (Line #7) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP14, constructed in 1980 and exhausting to stack CP-14; and

(C) one (1) natural gas fired UTC (Line #7) burner, using propane as a backup fuel, rated at 4.0 MMBtu/hr, identified as CP13B, constructed in 1980 and exhausting to CP-13B.

(8) Production line #8, consisting of:

(A) one (1) UTC/RSTC #2 (Line#8) Cooker, identified as CP8A, constructed in 1980 and exhausting to stack CP-8A;

(B) one (1) natural gas fired UTC/RSTC #2 (Line#8) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP8C, constructed in 2000 and exhausting to stack CP-8C; and

(C) one (1) natural gas fired UTC/RSTC #2 (Line #8) Burner, using propane as a backup fuel, identified as CP8B, constructed in 1980, with a maximum rated heat input of 4.0 MMBtu/hr and exhausting to stack CP-8B.

(9) Production line #9, consisting of:

(A) one (1) FCP (Line #9) Cooker, identified as CP4A, constructed in 1980 and exhausting to stack CP-4A;

(B) one (1) FCP (Line #9) natural gas burner, using propane as a backup fuel, rated at 1.1 MMBtu/hr, identified as CP4B, constructed in 1980 and exhausting to stack CP-4B; and

(C) one (1) FCP (Line#9) Extruder w/Rotoclone, identified as CP4C, constructed in 1980 and exhausting to stack CP-4C.

(10) Storage and transfer operations, consisting of:

(A) four (4) Corn Receiving/Storage (4 silos), identified as CP9A (F), constructed in 1980 and exhausting to stack CP9A (F);

(B) one (1) Corn Internal Ops (Cleaner A), identified as CP9B1, constructed in 1980, utilizing a fabric filter for particulate control and exhausting to stack CP-9B1;

(C) one (1) Corn Internal Ops (Cleaner B), identified as CP9B2, constructed in 1980, utilizing a cyclone for particulate control and exhausting to stack CP-9B2;

(D) one (1) Coal Storage Silo, identified as CP10B, constructed in 1984, utilizing a bin vent for particulate control and exhausting to stack CP-10B;

(E) one (1) Ash Storage Silo, identified as CP10C, constructed in 1984, utilizing a fabric filter for particulate control and exhausting to stack CP-10C;

(H) one (1) LBCSS Transfer, identified as CP16, constructed in 1999, utilizing a fabric filter for particulate matter control and exhausting to stack CP-16;

(I) one (1) Lime Transfer, identified as CP17, constructed in 1999, utilizing a fabric filter for particulate matter control and exhausting to stack CP-17;

(J) one (1) FCP (Line #9) bulk corn meal unloading #1, identified as CP4D, constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting to stack CP-4D;

(K) one (1) FCP (Line #9) bulk corn meal storage (2 silos), identified as CP4E, constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting to stack CP-4E; and

(L) one (1) FCP (Line #9) bulk corn meal transfer, identified as CP4F(F), constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting indoors as fugitive dust.

(11) Miscellaneous operations, consisting of:

(A) one (1) natural gas fired Auxiliary Burner (Sidewall), using propane as a backup fuel, identified as CP10A, constructed in 1984, with a maximum rated heat input of 28 MMBtu/hr and exhausting to stack CP-10A;

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

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

D.1.1 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate matter (PM) from the snackfood manufacturing operation shall be limited by the following:

Emission Unit	Process Weight Rate (tons/hr)	Allowable Emissions (326 IAC 6-3-2) (lb/hr)
PC #1 (Line #1) Cooker	4.0	10.38
PC #2 (line #2) Cooker	4.0	10.38
FCC (Line #3) Cooker	1.075	4.30
DTC #1 (Line #4) Cooker	1.05	4.24
DTC #1 (Line #4) Amb Air Cooler	1.05	4.24
DTC #2 (Line #5) Cooker	1.05	4.24
DTC #2 (Line #5) Amb Air Cooler	1.05	4.24
UTC/RSTC #1 (Line #6) Cooker	1.3	4.89
UTC/RSTC#1 (Line #6) Amb Air Cooler	1.3	4.89
UTC (Line #7) Cooker	0.575	2.83
UTC/RSTC #2 (Line #8) Cooker	0.575	2.83
FCP (Line #9) Cooker	1.375	5.08
FCP (Line #9) Extruder	1.375	5.08
Corn Receiv./Storage (4 silos)	7.5	15.82
Corn Cleaner A	3.75	9.94
Corn Cleaner B	3.75	9.94
Coal Storage Silo	25.0	35.43
Ash Storage Silo	2.5	7.58
LBCSS Transfer	7.5	15.82
Lime Transfer	0.75	3.38
Bulk Corn Meal Unloading	13.75	23.74
Bulk Corn Meal Storage (2 silos)	13.75	23.74
Bulk Corn Meal Transfer	7.5	15.82

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

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

D.1.2 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 the devices venting to the atmosphere associated with the equipment identified as CP4C, CP4D, CP4E, CP9B1, CP9B2, CP10B, CP10C, CP16, and CP17.

Compliance Determination Requirements

D.1.3 Particulate Matter (PM)

In order to demonstrate compliance with Condition D.1.1, the control devices for PM control shall be in operation and control emissions from CP-4C, CP-4D, CP-9B1, CP-9B2, CP-10B, CP-10C, CP-16, and CP-17 at all times that CP4C, CP4D, CP9B1, CP9B2, and CP17 are in operation.

SECTION D.2 FACILITY OPERATION CONDITIONS

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

(b) East plant, consisting of the following:

(1) Production line #1, consisting of:

(A) one (1) natural gas fired BPC#1 primary dryer (Line #1), using propane as a backup fuel, rated at 9.6 MMBtu/hr, identified as NBP42, constructed in 1995 and exhausting to stack NBP-42&43; and

(B) one (1) natural gas fired BPC#1 secondary dryer (Line #1), using propane as a backup fuel, rated at 3.0 MMBtu/hr, identified as NBP44, constructed in 1995 and exhausting to stack NBP-44&45.

(2) Production line #2, consisting of:

(A) one (1) natural gas fired RSTC oven (Line #2), using propane as a backup fuel, rated at 9.9 MMBtu/hr, identified as NBP65, constructed in 2000 and exhausting to stack NBP-65;

(B) one (1) RSTC cooker (Line #2), identified as NBP66, utilizing an oil mist eliminator for particulate matter control, constructed in 2000 and exhausting to stack NBP-66; and

(C) one (1) RSTC Ambient Air Cooler (Line #2), identified as NBP67, constructed in 2000 and exhausting to stack NBP-67.

(3) Production line #3, consisting of:

(A) one (1) natural gas fired BTC#2 baking oven (Line #3), using propane as a backup fuel, rated at 9.73 MMBtu/hr, identified as NBP34, constructed in 2001 and exhausting to stack NBP-34;

(B) one (1) natural gas fired BTC#2 primary dryer (Line #3), using propane as a backup fuel, rated at 10.0 MMBtu/hr, identified as NBP35, modified in 2001 and exhausting to stack NBP-35; and

(C) one (1) steam-heated BTC #2 cooker (Line #3) utilizing an oil mist eliminator for particulate control, identified as NBP36, constructed in 2001 and exhausting to stack NBP-36.

(4) Production line #4, consisting of:

(A) one (1) Sunchips Cooker (Line #4), identified as NBP5, constructed in 1990 and exhausting to stack NBP-5;

(B) one (1) Sunchips Sifter (Line #4), identified as NBP7, constructed in 1990 and exhausting to stack NBP-7; and

(C) one (1) Sunchips Ambient Air Cooler Cooler (Line #4), identified as NBP8, constructed in 1990 and exhausting to stack NBP-8.

(5) Production line #5, consisting of:

(A) one (1) natural gas fired BCP oven (Line #5), using propane as a backup fuel, rated at 2.5 MMBtu/hr, identified as NBP11A, constructed in 1991 and exhausting to stack NBP-11A; and

(B) one (1) BCP Extruder (Line #5), identified as NBP11B, constructed in 1991 and exhausting to stack NBP-11B;

(6) Production line #6, consisting of:

(A) one (1) natural gas fired popcorn oven (Line #6), using propane as a backup fuel, rated at 0.8 MMBtu/hr, identified as NBP12, constructed in 1992 and exhausting to stack NBP-12.

(7) Production line #7, consisting of:

(A) one (1) natural gas fired PRTZ#1 cooker (Line #7), using propane as a backup fuel, rated at 0.3 MMBtu/hr, identified as NBP53, constructed in 1995 and exhausting to stack NBP-53; and

(B) one (1) natural gas fired PRTZ#1 oven (Line #7), using propane as backup fuel, rated at 4.6 MMBtu/hr, identified as NBP54, constructed in 1995 and exhausting to stacks NBP-54-58.

(8) Production Line #8, consisting of:

(A) One (1) natural gas fired primary oven, identified as NBP68, approved for construction in 2007, with a rated capacity of 27.5 MMBtu/hr, using propane as a backup fuel, exhausting to stacks NBP68 A & B; and

(B) One (1) natural gas fired final dryer, identified as unit NBP69, approved for construction in 2007, with a rated capacity of 4.4 MMBtu/hr, using propane as a backup fuel, exhausting to stack NBP69.

(9) Storage and transfer operations, consisting of:

(A) one (1) BPC#1 Receiving/Storage (Silo 1), identified as NBP37, constructed in 1995, utilizing a fabric filter for particulate control and exhausting to stack NBP-37;

(B) one (1) BPC#1 Receiving/Storage (Silo 2), identified as NBP38, constructed in 1995, utilizing a fabric filter for particulate control and exhausting to stack NBP-38;

(C) one (1) BPC#1 Material Transfer, identified as NBP41(F), constructed in 1995 utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust;

(D) three (3) Corn Receiving/Storage (3 silos), identified as NBP9A(F) constructed in 1990 and exhausting to stack NBP-9A(F);

(E) Corn Internal Ops (Cleaner), identified as NBP9B (F), constructed in 1990, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(F) one (1) Wheat Grain Receiving/Storage (Silo 1), identified as NBP18, constructed in 1994, utilizing a fabric filter for particulate control and exhausting to stack NBP-18;

(G) one (1) Wheat Grain Receiving/Storage (Silo 2), identified as NBP19, constructed in 1994, utilizing a fabric filter for particulate control and exhausting to stack NBP-19;

(H) one (1) whole Grain Cleaner, identified as NBP17(F), constructed in 1994, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(I) one (1) Corn Meal Receiving/Storage (Silo 1), identified as NBP20, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-20;

(J) one (1) Corn Meal Receiving/Storage (Silo 2), identified as NBP21, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-21;

(K) one (1) Corn Meal Transfer, identified as NBP22(F), constructed in 1991, utilizing a fabric filter and exhausting indoors as fugitive dust:

(L) one (1) Wheat Meal Receiving/Storage (Silo 1), identified as NBP23, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-23;

(M) one (1) Wheat Meal Receiving/Storage (Silo 2), identified as NBP24, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-24;

(N) one (1) Wheat Meal Transfer, identified as NBP25(F), constructed in 1991, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(O) one (1) corn Unloading/Storage Silo #4 , identified as NBP9C, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-9C;

(P) one (1) corn Unloading/Storage Silo #5, identified as NBP9D, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-9D;

(Q) one (1) corn Transfer/Cleaner, identified as NBP9E, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP9E;

(R) one (1) corn Unloading/Storage Silo #6, identified as NBP9G, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-9G;

(S) one (1) cornmeal Unloading Silo #3, identified as NBP22A, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-22A;

(T) two (2) raw material storage silos, identified as NBP39 and NBP40, constructed in 2006, each equipped with a fabric filter for particulate control, and exhausting to stacks NBP-39 and NBP-40, respectively, and

(U) two (2) raw material storage silos, identified as NBP70A and NBP70B, constructed in 2007, each with a maximum throughput of material of 6,000 lbs/hour, each equipped with a fabric filter for particulate control, and exhausting to stacks NBP-70A and NBP-70B, respectively.

(10) Miscellaneous operations, consisting of:

(A) six (6) parts washers constructed in 1985, with a maximum usage of less than 145 gallons of solvent per year.

(11) New unnamed cooker, identified as NBP71, approved for construction in 2008 and exhausting to stack NBP-71.

(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 [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the snackfood manufacturing operation shall be limited by the following:

Emission Unit	Process Weight Rate (tons/hr)	PM Emission Limit (lb/hr)
RSTC (Line #2) Cooker	1.7	5.85
RSTC (Line #2) Amb Air Cooler	1.7	5.85
BTC #2 (Line #3) Cooker	2.0	6.52
Sunchips (Line #4) Cooker	1.7	5.85
Sunchips (Line #4) Sifter	1.7	5.85
Sunchips (Line #4) Cooler	1.7	5.85
BCP (Line #5) Extruder	1.7	5.85
BPC #1 Recv/Storage (Silo 1)	13.75	23.74
BPC #1 Recv/Storage (Silo 2)	13.75	23.74
BPC #1 Matl Transfer	13.75	23.74
Corn Receiv./Storage (3 Silos)	11.2	20.69
Corn Cleaner	11.2	20.69
Wheat Grain Recv./Stor. (Silo 1)	1.7	5.85
Wheat Grain Recv./Stor. (Silo 2)	1.7	5.85

Emission Unit	Process Weight Rate (tons/hr)	PM Emission Limit (lb/hr)
Whole Grain Cleaner	1.7	5.85
Corn Meal Rec./Stor (Silo 1)	13.75	23.74
Corn Meal Rec./Stor (Silo 2)	13.75	23.74
Corn Meal Transfer	1.7	5.85
Wheat Meal Rec./Stor (Silo 1)	13.75	23.74
Wheat Meal Rec./Stor (Silo 2)	13.75	23.74
Wheat Meal Transfer	13.75	23.74
Corn Unloading/Storage (Silos #4&#5)	12.5	22.27
Corn Transfer	9.0	17.87
Corn Storage Silo #6	12.5	22.27
Cornmeal Unloading Silo #3	13.75	23.74
Raw material storage Silos	2.0	6.52
Line #9 Storage Silos	3.0	8.56
New unnamed Cooker	0.65	3.07

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

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

D.2.2 Minor Source Modification [326 IAC 2-7-10.5(d)(4)(C)]

Pursuant to Minor Source Modification 023-16054-00020 issued on November 15, 2002 and 326 IAC 2-7-10.5(d) (4) (C) the following shall apply:

(a) PM emissions from storage silos NBP-9C, NBP-9D and NBP-9E, and NBP-22A shall be less than 5.68 pounds per hour each.

(b) PM10 emissions from storage silos NBP-9C, NBP-9D, NBP-9E, and NBP-22A shall be less than 3.40 pounds per hour each.

(c) Each of the fabric filter control devices associated with NBP-9C, NBP-9D, NBP-9E, and NBP-22A shall achieve and maintain ninety-nine percent (99%) control efficiency.

(d) Each of the fabric filter control devices associated with NBP-9C, NBP-9D, NBP-9E, and NBP-22A shall comply with a no visible emission standard.

D.2.3 PSD Minor Limits [326 IAC 2-2]

Pursuant to Minor Source Modification 023-24026-00020 issued on June 6, 2007 and 326 IAC 2-7-10.5(d) (4) (C) the following shall apply:

(a) PM emissions from storage silos NBP70A and NBP70B shall be less than 5.48 pounds

per hour each.

(b) PM10 emissions from storage silos NBP70A and NBP70B shall be less than 3.15 pounds per hour each.

Compliance with the above limits shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to these units.

D.2.4 Volatile Organic Compound Emission Limitations [326 IAC 8-1-6]

Pursuant to CP023-4562-00020, issued on October 3, 1986, the oven for East Plant Line #7 (ID NBP-54-58), while performing dough leavening operations, has accepted a monthly limitation on hours of operation to keep its VOC emissions less than 25 tons per twelve (12) consecutive month period. The operation of the oven for Line #7 (ID NBP 54-58), which includes dough leavening, shall be limited to 637 hours per month which assumes a confidential production rate limit based on hours of operation. Records of operating hours for the oven for Line #7 (ID NBP 54-58) shall be maintained at the facility for at least the past 5 year period and be made available upon request to the Office of Air Quality. This limited operation will keep the VOC emissions from this facility to less than 25 tons per twelve (12) consecutive month period, and therefore 326 IAC 8-1-6 BACT requirements do not apply.

D.2.5 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations) for cold cleaning operations (six (6) parts washers) constructed after January 1, 1980, the owner or operator shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.2.6 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

Pursuant to 326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control) for cold cleaning operations (six (6) parts washers) constructed after July 1, 1990:

(a) The owner or operator of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measure at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^{o}C) (one hundred twenty degrees Fahrenheit (120°F):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) The owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.2.7 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 the fabric filter control devices venting to the atmosphere associated with the equipment identified as NBP9E, NBP18, NBP19, NBP22A, NBP37, NBP38, NBP70A, and NBP70B.

Compliance Determination Requirements

D.2.8 Particulate Matter (PM)

In order to demonstrate compliance with Condition D.2.1, the fabric filters for PM control shall be in operation and control emissions from emission units NBP-9E, NBP-22A, NBP-18, NBP-19, NBP-37 and NBP-38 at all times that the emission units are in operation.

D.2.9 Visible Emissions Notations [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) Visible emission notations of NBP-9E and NBP-22A stack exhausts shall be performed weekly when loading during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

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

D.2.10 Record Keeping Requirements

(a) To document compliance with Condition D.2.4, the Permittee must maintain records of operating hours for the ovens for Lines #7 (ID NBP 54-58).

(b) To document compliance with Condition D.2.9 the Permittee shall maintain weekly records of visible emission notations of the storage silos NBP-9E and NBP-22A. The Permittee shall include in its weekly record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).

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

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(c) Coal Fired boiler, consisting of:

(1) one (1) Coal fired Boiler, identified as CP10A, constructed in 1984, with a maximum rated heat input of 56.25 MMBtu/hr, utilizing a baghouse for particulate control and exhausting to stack CP10A.

(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 PSD Minor Limit [326 IAC 2-2]

Pursuant to 326 IAC 2-2-3(a)(3), the sulfur dioxide (SO_2) emissions from the coal fired Boiler, identified as CP10A shall be less than 250 tons per twelve consecutive month period with compliance determined at the end of each month. The SO2 emissions shall be determined from the following equation:

SO2 emissions per month= Amount of coal combusted (tons per month) X Weight percent (%) of sulfur in coal X (Molecular Weight of Sulfur dioxide/Molecular Weight of Sulfur)

Compliance with the above limit will render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to this unit.

D.3.2 Particulate Matter (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Matter Emission Limitations for Sources of Indirect Heating), the PM emissions from the boiler identified as CP10A shall be less than 0.28 pounds per MMBtu heat input.

D.3.3 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]

Pursuant to OP12-11-88-0123, issued on October 30, 1985, and 326 IAC 7-1.1 (SO_2 Emissions Limitations), the SO_2 emissions from the one (1) coal boiler identified as CP10A, rated at 56.25 MMBtu/hr, shall not exceed two (2.0) pounds per million Btu heat input for coal combustion, and the sulfur content of the coal shall not exceed one and two-tenths percent (1.2%) by weight at a heating value of 11,500 Btu's per pound on an "as received" basis, or any combination of these producing an equivalent emissions rate to ensure compliance with the 3-hour and 24-hour National Ambient Air Quality Standards (NAAQS) for SO_2.

D.3.4 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 this facility and its control device.

Compliance Determination Requirements

D.3.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 2-7-5(3)(A)] [326 IAC 2-7-6] [326 IAC 2-1.1-11]

Pursuant to 326 IAC 7-2, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed two (2.0) pounds per MMBtu. Pursuant to 326 IAC 3-7-4 and 326 IAC 2-1.1-11, compliance shall be determined utilizing the following options:

(a) Providing vendor analysis of coal delivered, if accompanied by a certification from the fuel supplier, as described under 40 CFR 60.48c(f)(3). The certification shall include:

(1) The name of the coal supplier; and

(2) The location of the coal when the sample was collected for analysis to determine the properties of the coal, specifically including whether the coal was sampled as delivered to the affected facility or whether the coal was collected from coal in storage at the mine, at a coal preparation plant, at a coal supplier's facility, or at another location. The certification shall include the name of the coal mine (and coal seam), coal storage facility, or coal preparation plant (where the sample was collected); and

(3) The results of the analysis of the coal from which the shipment came (or of the shipment itself) including the sulfur content, moisture content, ash content, and heat content; and

(4) The methods used to determine the properties of the coal; or

(b) Sampling and analyzing the coal by using one of the following procedures:

(1) Minimum Coal Sampling Requirements and Analysis Methods:

(A) The coal sample acquisition point shall be at a location where representative samples of the total coal flow to be combusted by the facility or facilities may be obtained. A single as-bunkered or as-burned sampling station may be used to represent the coal to be combusted by multiple facilities using the same stockpile feed system;

(B) Coal shall be sampled at least one (1) time per day;

(C) Minimum sample size shall be five hundred (500) grams;

(D) Samples shall be composited and analyzed at the end of each calendar month;

(E) Preparation of the coal sample, heat content analysis, and sulfur content analysis shall be determined pursuant to 326 IAC 3-7-2(c), (d), (e); or

(2) Sample and analyze the coal pursuant to 326 IAC 3-7-3; or

(c) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6, which is conducted with such frequency as to generate the amount of information required by (a) or (b) above. [326 IAC 7-2-1(b)]

A determination of noncompliance pursuant to any of the methods specified in (a), (b), or (c) above shall not be refuted by evidence of compliance pursuant to the other method.

D.3.6 Particulate Matter (PM)

In order to demonstrate compliance with Condition D.3.2, the baghouse for PM control shall be in operation and control emissions from the one (1) Coal fired Boiler, identified as CP10A at all times that the one (1) Coal fired Boiler, identified as CP10A, is in operation.

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

D.3.7 Visible Emissions Notations [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) Daily visible emission notations of the CP10A stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee

shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.3.8 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

The Permittee shall record the pressure drop across the baghouse used in conjunction with the boiler identified as CP10A, at least once weekly when the boiler identified as CP10A is in operation when venting to the atmosphere. When for any one reading, the pressure drop across the baghouse is outside the normal range of 2.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, and shall be calibrated in accordance with the manufacturer's specifications. The specifications shall be available on site with the Preventive Maintenance Plan.

D.3.9 Broken or Failed Bag Detection [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

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

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

D.3.10 Record Keeping Requirements

(a) To document compliance with Conditions D.3.1, D.3.3 and D.3.5, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1)

through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the PM and SO_2 emission limits established in Conditions D.3.1, D.3.3 and D.3.5.

(1) Calendar dates covered in the compliance determination period;

(2) Actual coal usage since last compliance determination period;

(3) Sulfur content, heat content, and ash content;

(4) Sulfur dioxide emission rates; and

(5) Vendor analysis of coal and coal supplier certification.

(b) To document compliance with Condition D.3.7, the Permittee shall maintain daily records of visible emission notations of the boiler stack CP10A exhaust while combusting coal. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).

(c) To document compliance with Condition D.3.8, the Permittee shall maintain weekly records of the pressure drop across the baghouse controlling the Coal fired Boiler, identified as CP10A.

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

D.3.11 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.3.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(10) Miscellaneous operations, consisting of:

(B) one (1) natural gas fired starch dryer, using propane as a backup fuel, rated at 1.5 MMBtu/hr, identified as CP12, constructed in 1986 and exhausting to stack CP-12; and

(C) one (1) natural gas fired auxiliary boiler, using propane as a backup fuel, rated at 6.75 MMBtu/hr, identified as CP15, constructed in 1988 and exhausting to stack CP-15.

(d) Fuel Oil combustion devices, consisting of:

(1) one (1) natural gas fired boiler, using propane, #2 or #6 fuel oil as backup fuels, rated at 61 MMBtu/hr, identified as CP1A, constructed in 1980 and exhausting to stack CP1; and

(2) one (1) natural gas fired boiler, using propane, #2 or #6 fuel oil as backup fuels, rated at 61 MMBtu/hr, identified as CP1B, constructed in 1980 and exhausting to stack CP1.

(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.4.1 PSD Minor Limit [326 IAC 2-2]

(a) Pursuant to 326 IAC 2-2-3(a)(3), the sulfur dioxide (SO_2) emissions from Boilers CP1A and CP1B shall be less than 206 tons per twelve consecutive month period with compliance determined at the end of each month. The SO2 emissions shall be determined from the following equation:

SO2 emissions per month= Amount of No. 2 or No. 6 fuel oil combusted (gals per month) X Weight percent (%) of sulfur in No. 2 or No. 6 Fuel oil X (Molecular Weight of Sulfur dioxide/Molecular Weight of Sulfur) X 7.2 lb/gal

Compliance with the above limit will render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to these units.

(b) For purposes of determining compliance, the following shall apply:

(1) every 1,000 gallons of No. 6 distillate fuel oil burned shall be equivalent to 907 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.5 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

(2) every 1,000 gallons of propane burned shall be equivalent to 250 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.75 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

D.4.2 Particulate Matter (PM) [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3 (Particulate Emission Limitations for Sources of Indirect Heating)

emissions from the following processes shall be limited as follows:

(a) The two (2) boilers (EU ID# CP1A and CP1B) with No. 2 or No. 6 fuel oil back-up, rated at 61.00 and 61.00 million British thermal units per hour, respectively, are subject to the particulate matter limitations of 326 IAC 6-2-3. Pursuant to this rule, the two (2) boilers (EU ID#CP1A and CP1B) are each limited to 0.60 lbs PM/MMBtu.

(b) Boiler (EU ID# CP15) with natural gas and propane back-up, rated at 6.75 million British thermal units per hour, is subject to the particulate matter limitations of 326 IAC 6-2-4. Pursuant to this rule, the two (2) boilers (EU ID# CP15 and NBP26) (constructed after September 21, 1983) are each limited to 0.27 lbs PM/MMBtu.

D.4.3 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]

(a) Pursuant to 326 IAC 7-1.1-1 Sulfur dioxide emissions from CP1A and CP1B shall be limited as follows:

(1) five tenths (0.5) pounds per million Btu heat input for distillate oil combustion; or

(2) one and six tenths (1.6) pounds per million Btu heat input for residual oil combustion.

(b) Pursuant to PC (12) 1405, that when adverse meteorological conditions exist that could cause potential downwash, only gas or No. 2 fuel oil will be used to fire these boilers identified as CP1A and CP1B. Pursuant to PC (12) 1405, that separate records will be kept of the total amounts and sulfur content of the No. 2, as well as the No. 6 fuel oil as burned in the boilers identified as CP1A and CP1B. These records shall be maintained for a running 24-month period.

D.4.4 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 emission units CP1A and CP1B.

Compliance Determination Requirements [326 IAC 2-7-5(3)A)] [326 IAC 2-7-6]

D.4.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 7-2-1][326 IAC 3-7-4]

Compliance with Condition D.4.3 shall be determined utilizing one of the following options:

(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed five-tenths (0.5) pound per million Btu heat input by:

(1) Providing vendor analysis of #2 and #6 fuel delivered, if accompanied by a certification; or

(2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.

(A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and

(B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling; or

(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

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

D.4.6 Visible Emissions Notations [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) Daily visible emission notations of the boilers, identified as CP1A and CP1B, stack exhausts shall be performed during normal daylight operations while combusting fuel oil. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

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

D.4.7 Record Keeping Requirements

(a) To document compliance with Conditions D.4.1 and D.4.3, the Permittee shall maintain records in accordance with (1) through (2) below. Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to establish compliance with the SO_2 emission limit established in Conditions D.4.1 and D.4.3.

(1) Calendar dates covered in the compliance determination period;

(2) The actual usage of natural gas, No. 2 fuel oil, propane and calculated No. 2 fuel oil equivalent usage since last compliance determination period and equivalent sulfur dioxide emissions.

If the fuel supplier certification is used to demonstrate compliance the following shall be maintained:

(A) Fuel supplier certifications;

(B) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

(C) The name of the fuel supplier.

(b) To document compliance with Condition D.4.6(a), the Permittee shall maintain daily records of visible emission notations of the CP1A and CP1B stack exhaust while combusting fuel oil. The Permittee shall include in its record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the

process did not operate that day).

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

D.4.8 Reporting Requirements

(a) A quarterly summary of the information to document compliance with Conditions D.4.1, shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

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

Source Name: Frito-Lay Incorporated
Source Address: 323 S 300 W, Frankfort, Indiana 46041
Mailing Address: 323 S 300 W, Frankfort, Indiana 46041
Part 70 Permit No.: T023-21412-00020

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 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: Frito-Lay Incorporated
Source Address: 323 S 300 W, Frankfort, Indiana 46041
Mailing Address: 323 S 300 W, Frankfort, Indiana 46041
Part 70 Permit No.: T023-21412-00020

This form consists of 2 pages **Page 1 of 2**

☐ This is an emergency as defined in 326 IAC 2-7-1(12)

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

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

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

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:_____
Title / Position: _____
Date:_____
Phone: _____

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION

Source Name: Frito-Lay Incorporated
Source Address: 323 S 300 W, Frankfort, Indiana 46041
Mailing Address: 323 S 300 W, Frankfort, Indiana 46041
Part 70 Permit No.: T023-21412-00020

YEAR:_____
FROM:_____ TO:_____

_____Check if the facility only operated on Natural Gas for the entire period.

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

Complete the following table if Fuel Oil was used as a back-up.

Boiler	**Fuel Oil**	**Days Burned** *From - To*	**% Sulfur (from Analysis)**	**Heating Value (lb/MMBtu) (from Analysis)**
CP1A	#2			
CP1A	#6			
CP1B	#2			
CP1B	#6			
CP8B	#2			
CP13B	#2			
CP15	#2			

REFER TO ATTACHED SPREADSHEET FOR 12-MONTH ROLLING SO_2 TON PER YEAR EMISSION SUMMARY.

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

Signature:

Printed Name:

Title/Position:

Date:

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Frito-Lay Incorporated
Source Address: 323 S 300 W, Frankfort, Indiana 46041
Mailing Address: 323 S 300 W, Frankfort, Indiana 46041
Part 70 Permit No.: T023-21412-00020
Facility: Boiler CP10A
Parameter: Sulfur Dioxide (SO2) emissions
Limit: Less than 250 tons per twelve consecutive month period

YEAR:_____

Month	Column 1	Column 2	Column 1 + Column 2
	SO2 (tons)	SO2 (tons) Previous 11 Months	SO2 (tons) 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 DATA SECTION

Part 70 Quarterly Report

Source Name: Frito-Lay Incorporated
Source Address: 323 S 300 W, Frankfort, Indiana 46041
Mailing Address: 323 S 300 W, Frankfort, Indiana 46041
Part 70 Permit No.: T023-21412-00020
Facility: Boiler CP1A and CP1B
Parameter: Sulfur Dioxide (SO2)emissions
Limit: Less than 206 tons per twelve consecutive month period

(a) the input of No. 2 distillate fuel oil with a maximum sulfur content of 0.5% No. 2 distillate fuel oil equivalents to the combustion operations shall be limited to the following below stated throughputs in U.S. gallons per 365 day period, rolled on a daily basis, so that SO_2 emissions are limited. During the first 365 days of operation under this permit, the input of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalents shall be limited such that the total gallons divided by the accumulated days of operation shall not exceed the below stated throughputs in U.S. gallons per day.

(b) For purposes of determining compliance, the following shall apply:

(1) every 1,000 gallons of No. 6 distillate fuel oil burned shall be equivalent to 323 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.5 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

(2) every 1,000 gallons of propane burned shall be equivalent to 250 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.75 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

YEAR:_____

Month	Column 1	Column 3	Column 1 + Column 3
	SO2 emissions This Month	SO2 emissions Previous 11 Months	SO2 emissions 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 DATA SECTION

Part 70 Quarterly Report

Source Name: Frito-Lay Incorporated
Source Address: 323 S 300 W, Frankfort, Indiana 46041
Mailing Address: 323 S 300 W, Frankfort, Indiana 46041
Part 70 Permit No.: T023-21412-00020
Facility: Boiler NBP 26
Parameter: Sulfur Dioxide (SO2) emissions
Limit: Less than 25 tons per twelve consecutive month period

(a) the input of No. 2 distillate fuel oil with a maximum sulfur content of 0.5% No. 2 distillate fuel oil equivalents to the combustion operations shall be limited to the following below stated throughputs in U.S. gallons per 365 day period, rolled on a daily basis, so that SO_2 emissions are limited. During the first 365 days of operation under this permit, the input of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalents shall be limited such that the total gallons divided by the accumulated days of operation shall not exceed the below stated throughputs in U.S. gallons per day.

(b) For purposes of determining compliance, the following shall apply:

(1) every 1,000 gallons of No. 6 distillate fuel oil burned shall be equivalent to 323 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.5 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

(2) every 1,000 gallons of propane burned shall be equivalent to 250 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.75 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

YEAR:_____

Month	Column 1	Column 3	Column 1 + Column 3
	SO2 emissions This Month	SO2 emissions Previous 11 Months	SO2 emissions 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 DATA SECTION

Part 70 Semi-Annual Report

Source Name: Frito-Lay Incorporated
Source Address: 323 S 300 W, Frankfort, Indiana 46041
Mailing Address: 323 S 300 W, Frankfort, Indiana 46041
Part 70 Permit No.: T023-21412-00020
Facility: Line #7 Ovens
Parameter: Dough Leavening Operation Hourly Usage Limited to 637 hours/month

Process	Process ID	Stack ID
Line #7 Ovens	NBP-54 to 58	NBP-54 to 58

YEAR: _____
FROM:_____ TO:_____

Month	Hrs of dough leaving operation Line #7 Ovens NBP-54 to 58 (Hrs)
Month 1	
Month 2	
Month 3	
Month 4	
Month 5	
Month 6	

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 DATA SECTION
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Frito-Lay Incorporated
Source Address: 323 S 300 W, Frankfort, Indiana 46041
Mailing Address: 323 S 300 W, Frankfort, Indiana 46041
Part 70 Permit No.: T023-21412-00020

Months: ____ to _____ Year: _____

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".	
☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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

Form Completed by:_____

Title / Position: _____

Date:_____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the
Technical Support Document for a Part 70 Operating Permit Renewal

Source Name:	Frito-Lay, Incorporated
Source Location:	323 S. County Road 300 W., Frankfort, IN 46041
County:	Clinton
SIC Code:	2096
Permit Renewal No.:	023-21412-00020
Permit Reviewer:	Teresa Freeman

On October 24, 2008, the Office of Air Quality (OAQ) had a notice published in The Times, Inc., Frankfort, Indiana, stating that Frito-Lay, Incorporated had applied for a Part 70 Operating Permit to continue to operate a manufacturing operation producing various snack food products. The notice also stated that OAQ proposed to issue a 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.

On November 19, 2008 and November 21, 2008, Frito-Lay, Incorporated submitted comments on the proposed Part 70 permit. The summary of the comments (bolded language has been added, the language with a line through it has been deleted) is as follows:

Comment 1: Frito-Lay's primary concern is the compliance monitoring and recordkeeping requirements associated with the relatively minor emission units associated with the unloading of corn meal and corn into storage units controlled with bin vent filters. The specific emission units are identified as units CP4D which is included in Section D.1 and NBP9E and NBP22A, which are included in Section D.2 of the Part 70 Operating Permit. Frito-Lay has reviewed and re-evaluated the emission factors used for corn meal unloading to the storage silos for emission units NBP22A and CP-4D and believe the uncontrolled emission factor previously provided was too high. The uncontrolled emission rate for NBP9E is much less than the process weight limits and the limits for PM and PM10 in Condition D.2.2 and as such the controls on this emission unit are not required to meet the applicable limits. Therefore, the references to emission unit NBP9E should be removed from D.2.7, D.2.8, D.2.9, D.2.10 and D.2.11.

Frito-Lay would also note that the requirement to conduct parametric monitoring for NBP9E and NBP22A in accordance with D.2.10 on a weekly basis poses a practical problem and a safety issue. The loading of corn and corn meal into these silos is only conducted for approximately 2.5 hours per week and therefore is difficult to schedule the weekly observations. Second and more importantly, the pressure readout is located with the fabric filter at the top of the silo, which requires the reader to climb to the top of the silo to take the reading. Given the potential safety issue and relative infrequency of the operation of these emission units, we would request that the requirement to conduct the parametric monitoring per proposed Condition D.2.10 be removed from the permit.

Response 1: Minor Source Modification 023-16054-00020 issued on November 15, 2002 and written based upon information provided by Frito-Lay during submittal of the permit application. In order to change the requirements from this modification and to remove PMP requirement for CP4D, it is necessary for Frito-Lay to submit an application for a permit modification which includes the new information and documentation. However, it is unlikely that the requirements for PMP and visible emission notations for NBP-9E would be able to be removed without demonstrating that Frito-Lay could meet the no visible emission standard without the bin vent filter which was required in order to make the aforementioned source modification, minor. No change has been made as a result of this comment.

While IDEM OAQ is concerned with safety issues at our sources, there are also engineering modifications that can be made in order to perform monitoring safely for the workers. IDEM OAQ has determined that pressure drop readings are not always necessary on bin vents when controlled by a bin vent filter. However, visible emission notations are still required to be performed in order to demonstrate compliance with Condition D.2.9. The following changes have been made:

~~D.2.10 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]~~

~~The Permittee shall record the total pressure drop across the baghouses used in conjunction with NBP-9E and NBP-22A, at least once weekly when the storage silos are being loaded and venting to the atmosphere. When for any one reading, the pressure drop across the baghouse is outside the normal range of 3.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.~~

~~The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, and shall be calibrated in accordance with the manufacturer's specifications. The specifications shall be available on site with the Preventive Maintenance Plan.~~

D.2.1~~1~~**0** Record Keeping Requirements

***

(b) To document compliance with Condition D.2.9 the Permittee shall maintain ~~daily~~ **weekly** records of visible emission notations of the storage silos NBP-9E and NBP-22A. The Permittee shall include in its ~~daily~~ **weekly** record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).

~~(c) To document compliance with Condition D.2.10, the Permittee shall maintain weekly records of the pressure drop across the fabric filter controlling the storage silos NBP-9E and NBP-22A.~~

(~~d~~**c**) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

Comment 2: Condition D.4.2(b) should be amended to remove the reference to No. 2 fuel oil since the emission unit cannot use this fuel and is only fired with natural gas or propane as a back up.

Response 2: IDEM OAQ agrees and the following change has been made:

D.4.2 Particulate Matter (PM) [326 IAC 6-2-3]

***

(b) Boiler (EU ID# CP15) with ~~No. 2 fuel oil~~ **natural gas** and propane back-up, rated at 6.75 million British thermal units per hour, is subject to the particulate matter limitations of 326 IAC 6-2-4. Pursuant to this rule, the two (2) boilers (EU ID# CP15 and NBP26) (constructed after September 21, 1983) are each limited to 0.27 lbs PM/MMBtu.

Comment 3: Condition D.4.3(c) includes an SO_2 limit for emission unit CP-15. This emission unit also only uses natural gas and propane and as such the requirements of 326 IAC 7-1 would not apply and this condition should be deleted.

Response 3: IDEM OAQ agrees and the following change has been made:

D.4.3 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]

***

~~(c) Pursuant to 326 IAC 7-1.1 (SO_2 Emissions Limitations):~~

~~The SO_2 emissions from the one (1) natural gas fired auxiliary boiler, using No. 2 fuel oil as a backup fuel, rated at 6.75 MMBtu/hr, identified as CP15 shall not exceed five tenths (0.5) pounds per million Btu heat input for distillate oil combustion.~~

Comment 4: Condition D.4.1 (c)(1) states that every 1,000 gallons of No. 6 fuel oil burned shall be equivalent to 323 gallons of No. 2 distillate fuel oil based on SO2 emissions and a maximum sulfur content of 0.5%. This would imply that No. 6 fuel oil is generally has about 1/3 the sulfur content of No. 2 fuel oil. Frito-Lay believes this ratio may be backwards, as the sulfur content of No. 6 fuel oil is generally about 3 times that of No. 2 fuel oil. Frito-Lay does not run No. 6 fuel oil, but wants to keep it in the permit for flexibility and would like to be sure it is correct in the permit.

Response 4: IDEM OAQ agrees that an inadvertent calculation mistake was made during permitting this condition and has made the following change:

D.4.1 PSD Minor Limit [326 IAC 2-2]

***

(b) For purposes of determining compliance, the following shall apply:

(1) every 1,000 gallons of No. 6 distillate fuel oil burned shall be equivalent to ~~323~~ **907** gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.5 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

(2) every 1,000 gallons of propane burned shall be equivalent to 250 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.75 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

No change will be made to the original TSD. The OAQ prefers that the TSD reflect the permit that was on public notice. Changes to the permit or technical support material that occur after the public notice are documented in this Addendum to the Technical Support Document. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision.

Indiana Department of Environmental Management
Office of Air Quality

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

Source Background and Description

Source Name:	Frito-Lay, Incorporated
Source Location:	323 S. County Road 300 W., Frankfort, IN 46041
County:	Clinton
SIC Code:	2096
Permit Renewal No.:	023-21412-00020
Permit Reviewer:	Teresa Freeman

The Office of Air Quality (OAQ) has reviewed the operating permit renewal application from Frito-Lay, Incorporated relating to a manufacturing operation producing various snackfood products.

History

On July 11, 2005, Frito-Lay, Incorporated submitted an application to the OAQ requesting to renew its operating permit. Frito-Lay, Incorporated was issued a Part 70 Operating Permit Renewal on April 12, 2001.

Permitted Emission Units and Pollution Control Equipment

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

(a) West plant, consisting of the following:

(1) Production line #1, consisting of:

(A) one (1) PC#1 (Line#1) Cooker, identified as CP2, constructed in 1980 utilizing oil mist eliminators to control particulate matter, capable of exhausting to stacks CP 2-11, CP11A&B and CP2A&B.

(2) Production line #2, consisting of:

(A) one (1) PC #2 (Line #2) Cooker, identified as CP11, constructed in 1986 utilizing oil mist eliminators to control particulate matter, with each unit capable of exhausting to stacks CP 2-11, CP11A&B and CP2A&B.

(3) Production line #3, consisting of:

(A) one (1) FCC (Line#3) Cooker, identified as CP3A, constructed in 1980, exhausting to stack CP-3A.

(4) Production line #4, consisting of:

(A) one (1) DTC #1 (Line#4) Cooker, identified as CP5A, constructed in 1980 and exhausting to stack CP-5A;

(B) one (1) natural gas fired DTC #1 (Line#4) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP5C and constructed in 1980 exhausting to stack CP-5C ; and

(C) one (1) DTC #1 (Line #4) Ambient Air Cooler, identified as CP5D(F), constructed in 2000, and vented indoors.

(5) Production line #5, consisting of:

(A) one (1) DTC #2 (Line#5) Cooker, identified as CP6A, constructed in 1980 and exhausting to stack CP-6A;

(B) one (1) natural gas fired DTC #2 (Line#5) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP6C, constructed in 1980 and exhausting to stack CP-6C; and

(C) one (1) DTC #2 (Line #5) Ambient Air Cooler, identified as CP6D, constructed in 2000, and exhausting to stack CP-6D.

(6) Production line #6, consisting of:

(A) one (1) UTC/RSTC #1 (Line#6) Cooker, identified as CP7A, constructed in 1980 and exhausting to stack CP-7A;

(B) one (1) natural gas fired UTC/RSTC #1 (Line#6) oven, using propane as a backup fuel, rated at 3.1 MMBtu/hr, identified as CP7C, constructed in 1980 and exhausting to stack CP-7C;

(C) one (1) natural gas fired UTC/RSTC #1 (Line#6) oven, using propane as a backup fuel, rated at 3.1 MMBtu/hr, identified as CP7D, constructed in 1980 and exhausting to stack CP-7D; and

(D) One (1) UTC/RSTC #1 (Line #6) Ambient Air Cooler, identified as CP7E, constructed in 2000, and exhausting to stack CP-7E.

(7) Production line #7, consisting of:

(A) one (1) UTC (Line #7) Cooker, identified as CP13A, constructed in 1980 and exhausting to stack CP-13A;

(B) one (1) natural gas fired UTC (Line #7) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP14, constructed in 1980 and exhausting to stack CP-14; and

(C) one (1) natural gas fired UTC (Line #7) burner, using propane as a backup fuel, rated at 4.0 MMBtu/hr, identified as CP13B, constructed in 1980 and exhausting to CP-13B.

(8) Production line #8, consisting of:

(A) one (1) UTC/RSTC #2 (Line#8) Cooker, identified as CP8A, constructed in 1980 and exhausting to stack CP-8A;

(B) one (1) natural gas fired UTC/RSTC #2 (Line#8) oven, using propane as a backup fuel, rated at 4.2 MMBtu/hr, identified as CP8C, constructed in 2000 and exhausting to stack CP-8C; and

(C) one (1) natural gas fired UTC/RSTC #2 (Line #8) Burner, using propane as a backup fuel, identified as CP8B, constructed in 1980, with a maximum rated heat input of 4.0 MMBtu/hr and exhausting to stack CP-8B.

(9) Production line #9, consisting of:

(A) one (1) FCP (Line #9) Cooker, identified as CP4A, constructed in 1980 and exhausting to stack CP-4A;

(B) one (1) FCP (Line #9) natural gas burner, using propane as a backup fuel, rated at 1.1 MMBtu/hr, identified as CP4B, constructed in 1980 and exhausting to stack CP-4B; and

(C) one (1) FCP (Line#9) Extruder w/Rotoclone, identified as CP4C, constructed in 1980 and exhausting to stack CP-4C.

(10) Storage and transfer operations, consisting of:

(A) four (4) Corn Receiving/Storage (4 silos), identified as CP9A (F), constructed in 1980 and exhausting to stack CP9A (F);

(B) one (1) Corn Internal Ops (Cleaner A), identified as CP9B1, constructed in 1980, utilizing a fabric filter for particulate control and exhausting to stack CP-9B1;

(C) one (1) Corn Internal Ops (Cleaner B), identified as CP9B2, constructed in 1980, utilizing a cyclone for particulate control and exhausting to stack CP-9B2;

(D) one (1) Coal Storage Silo, identified as CP10B, constructed in 1984, utilizing a bin vent for particulate control and exhausting to stack CP-10B;

(E) one (1) Ash Storage Silo, identified as CP10C, constructed in 1984, utilizing a fabric filter for particulate control and exhausting to stack CP-10C;

(F) one (1) LBCSS Transfer, identified as CP16, constructed in 1999, utilizing a fabric filter for particulate matter control and exhausting to stack CP-16;

(G) one (1) Lime Transfer, identified as CP17, constructed in 1999, utilizing a fabric filter for particulate matter control and exhausting to stack CP-17;

(H) one (1) FCP (Line #9) bulk corn meal unloading #1, identified as CP4D, constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting to stack CP-4D;

(I) one (1) FCP (Line #9) bulk corn meal storage (2 silos), identified as CP4E, constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting to stack CP-4E; and

(J) one (1) FCP (Line #9) bulk corn meal transfer, identified as CP4F(F), constructed in 1998 utilizing a fabric filter to control particulate emissions and exhausting indoors as fugitive dust.

(11) Miscellaneous operations, consisting of:

(A) one (1) natural gas fired Auxiliary Burner (Sidewall), using propane as a backup fuel, identified as CP10A, constructed in 1984, with a maximum rated heat input of 28 MMBtu/hr and exhausting to stack CP-10A;

(B) one (1) natural gas fired starch dryer, using propane as a backup fuel, rated at 1.5 MMBtu/hr, identified as CP12, constructed in 1986 and exhausting to stack CP-12; and

(C) one (1) natural gas fired auxiliary boiler, using propane as a backup fuel, rated at 6.75 MMBtu/hr, identified as CP15, constructed in 1988 and exhausting to stack CP-15.

(b) East plant, consisting of the following:

(1) Production line #1, consisting of:

(A) one (1) natural gas fired BPC#1 primary dryer (Line #1), using propane as a backup fuel, rated at 9.6 MMBtu/hr, identified as NBP42, constructed in 1995 and exhausting to stack NBP-42&43; and

(B) one (1) natural gas fired BPC#1 secondary dryer (Line #1), using propane as a backup fuel, rated at 3.0 MMBtu/hr, identified as NBP44, constructed in 1995 and exhausting to stack NBP-44&45.

(2) Production line #2, consisting of:

(A) one (1) natural gas fired RSTC oven (Line #2), using propane as a backup fuel, rated at 9.9 MMBtu/hr, identified as NBP65, constructed in 2000 and exhausting to stack NBP-65;

(B) one (1) RSTC cooker (Line #2), identified as NBP66, utilizing an oil mist eliminator for particulate matter control, constructed in 2000 and exhausting to stack NBP-66; and

(C) one (1) RSTC Ambient Air Cooler (Line #2), identified as NBP67, constructed in 2000 and exhausting to stack NBP-67.

(3) Production line #3, consisting of:

(A) one (1) natural gas fired BTC#2 baking oven (Line #3), using propane as a backup fuel, rated at 9.73 MMBtu/hr, identified as NBP34, constructed in 2001 and exhausting to stack NBP-34;

(B) one (1) natural gas fired BTC#2 primary dryer (Line #3), using propane as a backup fuel, rated at 10.0 MMBtu/hr, identified as NBP35, modified in 2001 and exhausting to stack NBP-35; and

(C) one (1) steam-heated BTC #2 cooker (Line #3) utilizing an oil mist eliminator for particulate control, identified as NBP36, constructed in 2001 and exhausting to stack NBP-36.

(4) Production line #4, consisting of:

(A) one (1) Sunchips Cooker (Line #4), identified as NBP5, constructed in 1990 and exhausting to stack NBP-5;

(B) one (1) Sunchips Sifter (Line #4), identified as NBP7, constructed in 1990 and exhausting to stack NBP-7; and

(C) one (1) Sunchips Ambient Air Cooler Cooler (Line #4), identified as NBP8, constructed in 1990 and exhausting to stack NBP-8.

(5) Production line #5, consisting of:

(A) one (1) natural gas fired BCP oven (Line #5), using propane as a backup fuel, rated at 2.5 MMBtu/hr, identified as NBP11A, constructed in 1991 and exhausting to stack NBP-11A; and

(B) one (1) BCP Extruder (Line #5), identified as NBP11B, constructed in 1991 and exhausting to stack NBP-11B;

(6) Production line #6, consisting of:

(A) one (1) natural gas fired popcorn oven (Line #6), using propane as a backup fuel, rated at 0.8 MMBtu/hr, identified as NBP12, constructed in 1992 and exhausting to stack NBP-12.

(7) Production line #7, consisting of:

(A) one (1) natural gas fired PRTZ#1 cooker (Line #7), using propane as a backup fuel, rated at 0.3 MMBtu/hr, identified as NBP53, constructed in 1995 and exhausting to stack NBP-53; and

(B) one (1) natural gas fired PRTZ#1 oven (Line #7), using propane as backup fuel, rated at 4.6 MMBtu/hr, identified as NBP54, constructed in 1995 and exhausting to stacks NBP-54-58.

(8) Production Line #8, consisting of:

(A) One (1) natural gas fired primary oven, identified as NBP68, approved for construction in 2007, with a rated capacity of 27.5 MMBtu/hr, using propane as a backup fuel, exhausting to stacks NBP68 A & B; and

(B) One (1) natural gas fired final dryer, identified as unit NBP69, approved for construction in 2007, with a rated capacity of 4.4 MMBtu/hr, using propane as a backup fuel, exhausting to stack NBP69.

(9) Storage and transfer operations, consisting of:

(A) one (1) BPC#1 Receiving/Storage (Silo 1), identified as NBP37, constructed in 1995, utilizing a fabric filter for particulate control and exhausting to stack NBP-37;

(B) one (1) BPC#1 Receiving/Storage (Silo 2), identified as NBP38, constructed in 1995, utilizing a fabric filter for particulate control and exhausting to stack NBP-38;

(C) one (1) BPC#1 Material Transfer, identified as NBP41(F), constructed in 1995 utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust;

(D) three (3) Corn Receiving/Storage (3 silos), identified as NBP9A(F) constructed in 1990 and exhausting to stack NBP-9A(F);

(E) Corn Internal Ops (Cleaner), identified as NBP9B (F), constructed in 1990, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(F) one (1) Wheat Grain Receiving/Storage (Silo 1), identified as NBP18, constructed in 1994, utilizing a fabric filter for particulate control and exhausting to stack NBP-18;

(G) one (1) Wheat Grain Receiving/Storage (Silo 2), identified as NBP19, constructed in 1994, utilizing a fabric filter for particulate control and exhausting to stack NBP-19;

(H) one (1) whole Grain Cleaner, identified as NBP17(F), constructed in 1994, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(I) one (1) Corn Meal Receiving/Storage (Silo 1), identified as NBP20, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-20;

(J) one (1) Corn Meal Receiving/Storage (Silo 2), identified as NBP21, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-21;

(K) one (1) Corn Meal Transfer, identified as NBP22(F), constructed in 1991, utilizing a fabric filter and exhausting indoors as fugitive dust:

(L) one (1) Wheat Meal Receiving/Storage (Silo 1), identified as NBP23, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-23;

(M) one (1) Wheat Meal Receiving/Storage (Silo 2), identified as NBP24, constructed in 1991, utilizing a fabric filter for particulate control and exhausting to stack NBP-24;

(N) one (1) Wheat Meal Transfer, identified as NBP25(F), constructed in 1991, utilizing a fabric filter for particulate control and exhausting indoors as fugitive dust:

(O) one (1) corn Unloading/Storage Silo #4 , identified as NBP9C, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-9C;

(P) one (1) corn Unloading/Storage Silo #5, identified as NBP9D, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-9D;

(Q) one (1) corn Transfer/Cleaner, identified as NBP9E, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP9E;

(R) one (1) corn Unloading/Storage Silo #6, identified as NBP9G, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-9G;

(S) one (1) cornmeal Unloading Silo #3, identified as NBP22A, constructed in 2003, utilizing a fabric filter for particulate control and exhausting to stack NBP-22A;

(T) two (2) raw material storage silos, identified as NBP39 and NBP40, constructed in 2006, each equipped with a fabric filter for particulate control, and exhausting to stacks NBP-39 and NBP-40, respectively, and

(U) two (2) raw material storage silos, identified as NBP70A and NBP70B, constructed in 2007, each with a maximum throughput of material of 6,000 lbs/hour, each equipped with a fabric filter for particulate control, and exhausting to stacks NBP-70A and NBP-70B, respectively.

(10) Miscellaneous operations, consisting of:

(A) six (6) parts washers constructed in 1985, with a maximum usage of less than 145 gallons of solvent per year.

(11) New unnamed cooker, identified as NBP71, approved for construction in 2008 and exhausting to stack NBP-71;

(c) Coal Fired boiler, consisting of:

(1) one (1) Coal fired Boiler, identified as CP10A, constructed in 1984, with a maximum rated heat input of 56.25 MMBtu/hr, utilizing a baghouse for particulate control and exhausting to stack CP-10A.

(d) Fuel Oil combustion devices, consisting of:

(1) one (1) natural gas fired boiler, using propane, #2 or #6 fuel oil as backup fuels, rated at 61 MMBtu/hr, identified as CP1A, constructed in 1980 and exhausting to stack CP-1; and

(2) one (1) natural gas fired boiler, using propane, #2 or #6 fuel oil as backup fuels, rated at 61 MMBtu/hr, identified as CP1B, constructed in 1980 and exhausting to stack CP-1.

New Emission Units and Pollution Control Equipment to be Constructed

Frito Lay has submitted a request for the addition of a new cooker (ID # NBP71). The potential to emit for PM and PM10 is less than 5 tpy and is being added through this Part 70 Operating Permit in lieu of a significant permit modification. The source has submitted that the installation of the new cooker will not result in increased upstream or downstream utilization due to material handling, nor are any physical modifications to existing material receiving, handling, packaging, and shipping processes necessary to accommodate the production of "product". However, Frito Lay has conservatively stated an additional 4 MMBtu/hr will be required from the natural gas boilers for the cooker. Additional emissions for this project are as follows:

Process / Emission Unit	PM (tpy)	PM_{10} (tpy)	SO_2 (tpy)	VOC (tpy)	CO (tpy)	NO_X (tpy)	Pb (tpy)	Total Haps (tpy)	Hexane (tpy)
PTE - New Emission Units - Cooker NBP71	0.501	0.051	-	0.242	-	-	-	-	-
PTE Total	**0.501**	**0.501**	**-**	**0.242**	**-**	**-**	**-**	**-**	**-**
[1] ATPA - Increased Utilization from NG Combustion Units	0.033	0.133	0.011	0.096	1.47	1.75	-	0.00003	0.00003
ATPA - Total	**0.033**	**0.133**	**0.011**	**0.096**	**1.47**	**1.75**	**-**	**0.00003**	**0.00003**
Total for Modification	**0.534**	**0.634**	**0.011**	**0.338**	**1.47**	**1.75**	**-**	**0.00003**	**0.0003**
Major Source Threshold or Significant Level	25	15	40	40	100	40	0.6	.0004	3.0

Insignificant Activities

The source also consists of the following insignificant activities, 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,

(b) Propane or liquified petroleum gas, or butane-fired combustion sources with heat input equal to or less than six million (6,000,000) Btu per hour,

(c) Combustion source flame safety purging on startup,

(d) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons,

(e) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.

(f) Cleaners and solvents characterized as follows: A) having a vapor pressure equal to or less than 2kPa; 15 mm Hg; or 0.3 psi measured at 38 degrees C (100 degrees F) or; B) having a vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20 degrees C (68 degrees F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months. [326 IAC 8-3-2] [326 IAC 8-3-5]

(g) Closed loop heating and cooling systems,

(h) Groundwater oil recovery wells,

(i) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume,

(j) Any operation using aqueous solutions containing less than 1% by weight of VOCs excluding HAPs,

(k) Natural draft cooling towers not regulated under a NESHAP,

(l) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment,

(m) Heat exchanger cleaning and repair,

(n) Paved and unpaved roads and parking lots with public access,

(o) Conveyors as follows:

(1) Covered conveyors for coal or coke conveying of less than or equal to 360 tons per day;

(2) Underground conveyors.

(p) Purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process,

(q) 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,

(r) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower,

(s) On-site fire and emergency response training approved by the department,

(t) Emergency generators as follows:

(1) Diesel generators not exceeding 1600 horsepower.

(2) Natural gas turbines or reciprocating engines not exceeding 16,000 horsepower.

(u) Stationary fire pumps,

(v) Filter or coalescer media changeout,

(w) Vents from ash transport systems not operated at positive pressure,

(x) A laboratory as defined in 326 IAC 2-7-1(20)(C),

(y) Diesel Storage Tanks (UST)- Subject to 40 CFR 60.11gb(a) and (b) [2-15,000 gallon (Traffic)],

(z) #2 or #6 Fuel Oil Storage Tank (UST) - subject to 40 CFR60.116b (a) and (b) [1-15,000 gallon (West Plant)],

(aa) #2 Fuel Oil Storage Tank (AST) - subject to 40 CFR60.116b (a) and (b) [1-10,000 gallon (East Plant)],

(bb) Propane Vaporizers [1.12 MMBtu/hr @ Core and 0.84 MMBtu/hr (East Plant)], and

(cc) one (1) vegetable oil storage tank, identified as TCVOTANK, with a maximum capacity of 18,000 gallons of vegetable oil, exhausting to the interior of the building,

Existing Approvals

Since the issuance of the Part 70 Operating Permit (T023-7721-00020) on April 12, 2001, the source has constructed or has been operating under the following approvals as well:

(a) First Administrative Amendment 023-14229-00020, issued on May 31, 2001;

(b) Second Administrative Amendment 023-16101-00020, issued on September 12, 2002;

(c) First Minor Source Modification 023-16054-00020, issued on November 15, 2002;

(d) First Significant Permit Modification 023-16204-00020, issued on February 4, 2003;

(e) Third Administrative Amendment 023-20251-00020, issued on July 20, 2005;

(f) First Significant Source Modification 023-24026-00020, issued on June 7, 2007; and.

(g) Second Significant Permit Modification 023-24265-00020, issued on June 26, 2007.

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

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

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

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

(b) Pursuant to OP12-11-88-0121, issued on December 17, 1984, all corn shall be precleaned before being received at the plant.

Reason not included: All corn received by the Permittee is precleaned and the condition is unnecessary.

Air Pollution Control Justification as an Integral Part of the Process

The Permittee has submitted the following information to justify why the bin vent filters associated with proposed raw material storage silos NBP70A and NBP70B should be considered an integral part of the storage process:

The primary purpose of the filters is product recovery and the use of the filters results in an overwhelming positive net economic effect. Due to the use of the filters, 95% of the final product produced in the production line is made up of recovered raw product. The cost savings associated with the product recovery far outweighs of the cost of installation, operation and maintenance of the filters. Based on the submitted cost analysis, the filters would be installed even if no air regulations were in place.

IDEM, OAQ has evaluated the information submitted and agrees that the bin vent filters should be considered an integral part of storage silos NBP70 A and NBP70B. Therefore, the permitting level will be determined using the potential to emit after the filters. Operating conditions in the proposed permit will specify that this bin vent filters shall operate at all times when the storage process is in operation.

Enforcement Issue

There are no enforcement actions pending.

Emission Calculations

The calculations submitted by the applicant have been verified and found to be accurate and correct. These calculations are provided in Appendix A of this document.

County Attainment Status

The source is located in Clinton County

Pollutant	Designation
SO_2	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard.[1]
PM_{10}	Unclassifiable effective November 15, 1990.
NO_2	Cannot be classified or better than national standards.
Pb	Not designated.
[1]Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005.	

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

(b) PM2.5
Clinton County has been classified as attainment for PM2.5. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM2.5 emissions, and the effective date of these rules is July 15th, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM2.5 emissions until 326 IAC 2-2 is revised.

(c) Other Criteria Pollutants
Clinton County has been classified as attainment or unclassifiable in Indiana for PM10, NOx and SO2. 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 PM10, NOx, SO2 and CO are 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) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is less than ten (10) tons per year and/or the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is less than twenty-five (25) tons per year.

(d) Fugitives
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.

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.

PTE (tons/year)							
Process/Emission Unit	**PM**	**PM10**	**SO_2**	**NOx**	**VOC**	**CO**	**HAPs**
PC #1 (Line #1) Cooker	6.82	6.82	-	-	0.35	-	-
PC #2 (line #2) Cooker	6.82	6.82	-	-	0.35	-	-

PTE (tons/year)							
Process/Emission Unit	**PM**	**PM10**	**SO_2**	**NOx**	**VOC**	**CO**	**HAPs**
FCC (Line #3) Cooker	18.9	18.9	-	-	0.40	-	-
FCP (Line #9) Cooker	22.2	22.2	-	-	0.51	-	-
FCP (Line #9) Extruder	0.45	0.45	-	-	-	-	-
Bulk Corn Meal Unloading	0.10	0.10	-	-	-	-	-
Bulk Corn Meal Storage (2 silos)	0.10	0.10	-	-	-	-	-
Bulk Corn Meal Transfer	0.07	0.07	-	-	-	-	-
DTC #1 (Line #4) Cooker	18.6	18.6	-	-	0.39	-	-
DTC #1 (Line #4) Amb Air Cooler	18.6	18.6	-	-	-	-	-
DTC #2 (Line #5) Cooker	18.6	18.6	-	-	0.39	-	-
DTC #2 (Line #5) Amb Air Cooler	18.6	18.6	-	-	-	-	-
UTC/RSTC #1 (Line #6) Cooker	21.4	21.4	-	-	0.48	-	-
UTC/RSTC#1 (Line #6) Amb Air Cooler	21.4	21.4	-	-	-	-	-
UTC (Line #7) Cooker	12.4	12.4	-	-	0.21	-	-
UTC/RSTC #2 (Line #8) Cooker	12.4	12.4	-	-	0.21	-	-
Corn Receiv./Storage (4 silos)	6.93	6.93	-	-	-	-	-
Corn Cleaner A	0.04	0.04	-	-	-	-	-
Corn Cleaner B	0.44	0.44	-	-	-	-	-
Coal Storage Silo	38.9	38.9	-	-	-	-	-
Ash Storage Silo	0.03	0.03	-	-	-	-	-
LBCSS Transfer	0.07	0.07	-	-	-	-	-
Lime Transfer	0.02	0.02	-	-	-	-	-
Sunchips (Line #4) Cooker	25.6	25.6	-	-	0.63	-	-
Sunchips (Line #4) Sifter	25.6	25.6	-	-	-	-	-
Sunchips (Line #4) Cooler	25.6	25.6	-	-	-	-	-
Corn Receiv./Storage (3 Silos)	0.09	0.09	-	-	-	-	-
Corn Cleaner	0.09	0.09	-	-	-	-	-
Corn Unloading/Storage (Silos #4&#5)	0.10	0.10	-	-	-	-	-
Corn Transfer	0.08	0.08	-	-	-	-	-
Corn Storage Silo #6	0.10	0.10	-	-	-	-	-
BCP (Line #5) Extruder	25.6	25.6	-	-	-	-	-
Whole Grain Cleaner	0.03	0.03	-	-	-	-	-
Wheat Grain Recv./Stor. (Silo 1)	0.03	0.03	-	-	-	-	-
Wheat Grain Recv./Stor. (Silo 2)	0.03	0.03	-	-	-	-	-
Corn Meal Rec./Stor (Silo 1)	0.10	0.10	-	-	-	-	-
Corn Meal Rec./Stor (Silo 2)	0.10	0.10	-	-	-	-	-
Corn Meal Transfer	0.03	0.03	-	-	-	-	-
Cornmeal Unloading Silo #3	0.10	0.10	-	-	-	-	-
Wheat Meal Rec./Stor (Silo 1)	0.10	0.10	-	-	-	-	-
Wheat Meal Rec./Stor (Silo 2)	0.10	0.10	-	-	-	-	-
Wheat Meal Transfer	0.10	0.10	-	-	-	-	-
BTC #2 (Line #3) Cooker	4.29	4.29			0.75		
BPC #1 Recv/Storage (Silo 1)	0.10	0.10	-	-	-		
BPC #1 Recv/Storage (Silo 2)	0.10	0.10	-	-	-		
BPC #1 Matl Transfer	0.10	0.10	-	-	-		
RSTC (Line #2) Cooker	3.84	3.84	-	-	0.63		
RSTC (Line #2) Amb Air Cooler	25.6	25.6	-	-	-		
Raw material storage silos	0.03	0.03	-	-	-		
Line #9 Storage Silos	0.03	0.03	-	-	-		
FCP (Line #9) Burner	0.01	0.04	0.003	0.48	0.03	0.41	0.00001
New unnamed cooker	0.050	0.050	-	-	0.242	-	-
DTC #1 (Line #4) Oven	0.04	0.14	0.01	1.84	0.10	1.55	0.00003
DTC #2 (Line #5) Oven	0.04	0.14	0.01	1.84	0.10	1.55	0.00003
UTC/RSTC #1 (Line #6) Oven	0.03	0.103	0.008	1.36	0.08	1.14	0.00002
UTC/RSTC #1 (Line #6) Oven	0.03	0.103	0.008	1.36	0.08	1.14	0.00002
UTC (Line #7) Oven	0.04	0.140	0.011	1.84	0.108	1.55	0.00003

PTE (tons/year)							
Process/Emission Unit	**PM**	**PM10**	**SO_2**	**NOx**	**VOC**	**CO**	**HAPs**
UTC (Line #7) Burner	0.033	0.133	0.011	1.75	0.01	1.47	0.00003
UTC/RSTC #2 (Line #8) Oven	0.035	0.140	0.011	1.84	0.10	1.55	0.00003
UTC/RSTC #2 (Line #8) Burner	0.033	0.133	0.011	1.75	0.096	1.47	0.00003
Auxillary Burner (Sidewall)	0.233	0.932	0.074	12.26	0.68	10.30	0.00022
Starch Dryer	0.012	0.050	0.004	0.66	0.04	0.55	0.00001
BCP (Line #5) Oven	0.021	0.083	0.007	1.095	0.06	0.92	0.00002
Popcorn (Line #6) Oven	0.007	0.027	0.002	0.35	0.02	0.29	0.00001
BTC #1 (Line #2) Sec. Dryer	0.030	0.120	0.009	1.58	0.09	1.33	0.00003
BTC #2 (Line #3) Oven	0.081	0.324	0.026	4.27	0.23	3.58	0.00008
BTC #2 (Line #3) Prim. Dryer	0.083	0.333	0.026	4.38	0.21	3.68	0.00008
BPC #1 (Line #1) Primary Dryer	0.080	0.320	0.025	4.21	0.21	3.53	0.00008
BPC #1 (Line #1) Sec. Dryer	0.025	0.100	0.008	1.31	0.07	1.10	0.00002
PRTZ #1 (Line #7) Cooker	0.002	0.010	0.001	0.13	0.007	0.11	0.00000
PRTZ #1 (Line #7) Oven	0.038	0.153	0.012	2.02	0.11	1.69	0.00004
RSTC (Line #2) Oven	0.082	0.330	0.026	4.34	0.24	3.64	0.00008
Line #8 Oven	0.229	0.915	0.072	5	0.66	10.12	0.00022
Line #8 dryer	0.037	0.146	0.012	1.93	0.11	1.62	0.00003
Auxillary Boiler	0.056	0.225	0.018	2.96	0.16	2.48	0.00005
Nat gas & Propane fired Units	2.28	5.14	0.41	76.3	3.72	56.8	0.00123
Boiler CP1A	17.81	17.99	139.82	97.97	1.47	22.4	0.003
Boiler CP1B	17.81	17.99	139.82	97.97	1.47	22.4	0.003
Coal Fired Boiler	4.07	4.07	250.00	235.66	0.64	5.36	16.6
Totals	**424.84**	**431.89**	**530.45**	**575.44**	**11.02**	**163.78**	**16.61**

(a) This existing stationary source is major for PSD because the emissions of at least one attainment pollutant are greater than two hundred fifty (>250) tons per year, and is not one of the twenty-eight (28) listed source categories.

(b) Fugitive Emissions
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

Federal Rule Applicability

(a) 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.

CAM does not apply to any of the emission units at this facility. The majority of the emission units have a PTE less than the major source threshold for each pollutant emitted. Three boilers CP1A, CP1B and CP10A have potential emissions of SO2 that exceed 100% of the major source threshold; however none of the boilers have control devices for SO2. In addition to SO2, boilers CP1A and CP1B have potential emissions of NOx that exceed 100% of the major source threshold; however none of these units have control devices for NOx.

(b) The requirements of the New Source Performance Standard for (Volatile Organic Liquid Storage Vessels), 40 CFR 60.110b, Subpart Kb, are not included in the permit for the one (1) storage tank #2 Fuel Oil Storage Tank (AST), The Diesel Storage Tanks (UST)- [2-15,000 gallon(Traffic)] and #2 or #6 Fuel Oil Storage Tank (UST) [1-15,000 gallon (West Plant)] because they have a storage capacity of less than 75 cubic meters.

(c) The five (5) boilers (identified as CP1A, CP1B, CP10A and CP15, rated at 61, 61, 56.25, and 6.75 million British thermal units per hour, respectively) are not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40b, Subpart Db), because the boilers have a heat input of less than 100 million British thermal units per hour.

(d) The five (5) boilers (identified as CP1A, CP1B, CP10A and CP15, rated at 61, 61, 56.25, and 6.75 million British thermal units per hour, respectively) are not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40c through 60.48c, Subpart Dc), because the boilers were constructed prior to June 9, 1989.

(e) This source is not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.300, Subpart DD- Standards of Performance for Grain Elevators), as there are no grain terminal elevators with a permanent storage capacity of more than 2.5 million U.S. bushels or grain storage elevators with a permanent grain storage capacity of 1 million bushels at the source.

(f) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in this permit renewal.

State Rule Applicability - Entire Source

326 IAC 1-6-3 (Preventive Maintenance Plan)
The source is subject to 326 IAC 1-6-3.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The operations of this source will emit less than 10 tons per year of a single HAP and less than 25 tons per year of a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

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 2005 and every 3 years after. Therefore, the next emission statement for this source must be submitted by July 1, 2011.

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.

State Rule Applicability – Individual Facilities

326 IAC 2-2 (Prevention of Significant Deterioration)

(a) Pursuant to Minor Source Modification 023-24026-00020 issued on June 6, 2007 and 326 IAC 2-7-10.5(d) (4) (C) the following shall apply:

(1) PM emissions from storage silos NBP70A and NBP70B shall be less than 5.48 pounds per hour each.

(2) PM10 emissions from storage silos NBP70A and NBP70B shall be less than 3.15 pounds per hour each.

(b) Pursuant to 326 IAC 2-2-3(a)(3), the sulfur dioxide (SO_2) emissions from the coal fired Boiler, identified as CP10A shall be less than 250 tons per twelve consecutive month period with compliance determined at the end of each month. The SO2 emissions shall be determined from the following equation:

SO2 emissions per month= Amount of coal combusted (tons per month) X Weight percent (%) of sulfur in coal X (Molecular Weight of Sulfur dioxide/Molecular Weight of Sulfur)

(c) Pursuant to 326 IAC 2-2-3(a)(3), the sulfur dioxide (SO_2) emissions from Boilers CP1A and CP1B shall be less than 206 tons per twelve consecutive month period with compliance determined at the end of each month. The SO2 emissions shall be determined from the following equation:

SO2 emissions per month= Amount of No. 2 fuel oil combusted (gals per month) X Weight percent (%) of sulfur in No. 2 Fuel oil X (Molecular Weight of Sulfur dioxide/Molecular Weight of Sulfur) X 7.2 lb/gal

(d) For purposes of determining compliance, the following shall apply:

(1) every 1,000 gallons of No. 6 distillate fuel oil burned shall be equivalent to 323 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.5 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

(2) every 1,000 gallons of propane burned shall be equivalent to 250 gallons of No. 2 distillate fuel oil based on SO_2 emissions and a maximum sulfur content of 0.75 percent such that the total gallons of No. 2 distillate fuel oil and No. 2 distillate fuel oil equivalent input does not exceed the limit specified.

Compliance with the above limits shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to these units.

326 IAC 2-7-10.5(d) (4) (C) (Minor Source Modification)

Pursuant to Minor Source Modification 023-16054-00020 issued on November 15, 2002 and 326 IAC 2-7-10.5(d) (4) (C) the following shall apply:

(a) PM emissions from storage silos NBP-9C, NBP-9D and NBP-9E, and NBP-22A shall be less than 5.68 pounds per hour each.

(b) PM10 emissions from storage silos NBP-9C, NBP-9D, NBP-9E, and NBP-22A shall be less than 3.40 pounds per hour each.

(c) Each of the fabric filter control devices associated with NBP-9C, NBP-9D, NBP-9E, and NBP-22A shall achieve and maintain ninety-nine percent (99%) control efficiency.

(d) Each of the fabric filter control devices associated with NBP-9C, NBP-9D, NBP-9E, and NBP-22A shall comply with a no visible emission standard.

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

Pursuant to 326 IAC 6-2-3 (Particulate Emission Limitations for Sources of Indirect Heating) emissions from the following processes shall be limited as follows:

(a) The two (2) boilers (EU ID# CP1A and CP1B) with No. 2 and No. 6 fuel oil back-up, rated at 61.00 and 61.00 million British thermal units per hour, respectively, are subject to the particulate matter limitations of 326 IAC 6-2-3. Pursuant to this rule, the two (2) boilers (EU ID#CP1A and CP1B) are each limited to 0.60 lbs PM/MMBtu.

(b) Boiler (EU ID# CP15) with No. 2 fuel oil and propane back-up, rated at 6.75 million British thermal units per hour, is subject to the particulate matter limitations of 326 IAC 6-2-4. Pursuant to this rule, the two (2) boilers (EU ID# CP15 and NBP26) (constructed after September 21, 1983) are each limited to 0.27 lbs PM/MMBtu.

(c) The three (3) boilers (EU ID#CP10A, CP15 and NBP26) with No. 2 fuel oil back-up, rated at 56.25, 33.5 and 6.75 million British thermal units per hour, respectively, are subject to the particulate matter limitations of 326 IAC 6-2-4. Pursuant to this rule, the three (3) boilers (EU ID#CP10A, CP15 and NBP26) (constructed after September 21, 1983) are limited by the following:

Stack ID	Heat Input Rate (MMBtu)	Q= Total source maximum operating capacity (MMBtu)	Pt = maximum allowable particulate matter (PM) emitted per MMBtu heat input	Actual Emissions
CP10A	56.25	178.25	0.28	0.01
NBP26*	33.50	211.75	0.27	0.01
CP15	6.75	218.50	0.27	0.01

*NBP26 has been removed from service, but is included into the total MMBtu

compliance calculation:
(actual emissions per unit in tons PM/yr) * (hr/heat input per unit in MMBtu) * (yr/8,760 hrs) * (2,000 lbs/ton) = actual emissions in lbs PM/MMBtu

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

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate matter (PM) from the snackfood manufacturing operation shall be limited by the following:

Emission Unit	Process Weight Rate (tons/hr)	Allowable Emissions (326 IAC 6-3-2) (lb/hr)
PC #1 (Line #1) Cooker	4.0	10.38

Emission Unit	Process Weight Rate (tons/hr)	Allowable Emissions (326 IAC 6-3-2) (lb/hr)
PC #2 (line #2) Cooker	4.0	10.38
FCC (Line #3) Cooker	1.075	4.30
DTC #1 (Line #4) Cooker	1.05	4.24
DTC #1 (Line #4) Amb Air Cooler	1.05	4.24
DTC #2 (Line #5) Cooker	1.05	4.24
DTC #2 (Line #5) Amb Air Cooler	1.05	4.24
UTC/RSTC #1 (Line #6) Cooker	1.3	4.89
UTC/RSTC#1 (Line #6) Amb Air Cooler	1.3	4.89
UTC (Line #7) Cooker	0.575	2.83
UTC/RSTC #2 (Line #8) Cooker	0.575	2.83
FCP (Line #9) Cooker	1.375	5.08
FCP (Line #9) Extruder	1.375	5.08
Corn Receiv./Storage (4 silos)	7.5	15.82
Corn Cleaner A	3.75	9.94
Corn Cleaner B	3.75	9.94
Coal Storage Silo	25.0	35.43
Ash Storage Silo	2.5	7.58
LBCSS Transfer	7.5	15.82
Lime Transfer	0.75	3.38
Bulk Corn Meal Unloading	13.75	23.74
Bulk Corn Meal Storage (2 silos)	13.75	23.74
Bulk Corn Meal Transfer	7.5	15.82
RSTC (Line #2) Cooker	1.7	5.85
RSTC (Line #2) Amb Air Cooler	1.7	5.85
BTC #2 (Line #3) Cooker	2.0	6.52
Sunchips (Line #4) Cooker	1.7	5.85
Sunchips (Line #4) Sifter	1.7	5.85
Sunchips (Line #4) Cooler	1.7	5.85

Emission Unit	Process Weight Rate (tons/hr)	Allowable Emissions (326 IAC 6-3-2) (lb/hr)
BCP (Line #5) Extruder	1.7	5.85
BPC #1 Recv/Storage (Silo 1)	13.75	23.74
BPC #1 Recv/Storage (Silo 2)	13.75	23.74
BPC #1 Matl Transfer	13.75	23.74
Corn Receiv./Storage (3 Silos)	11.2	20.69
Corn Cleaner	11.2	20.69
Wheat Grain Recv./Stor. (Silo 1)	1.7	5.85
Wheat Grain Recv./Stor. (Silo 2)	1.7	5.85
Whole Grain Cleaner	1.7	5.85
Corn Meal Rec./Stor (Silo 1)	13.75	23.74
Corn Meal Rec./Stor (Silo 2)	13.75	23.74
Corn Meal Transfer	1.7	5.85
Wheat Meal Rec./Stor (Silo 1)	13.75	23.74
Wheat Meal Rec./Stor (Silo 2)	13.75	23.74
Wheat Meal Transfer	13.75	23.74
Corn Unloading/Storage (Silos #4&#5)	12.5	22.27
Corn Transfer	9.0	17.87
Corn Storage Silo #6	12.5	22.27
Cornmeal Unloading Silo #3	13.75	23.74
Raw material storage Silos	2.0	6.52
Line #9 Storage Silos	3.0	8.56
New unnamed Cooker	0.65	3.07

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

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

326 IAC 7-1.1-1 (Sulfur Dioxide (SO_2))

(a) Pursuant to OP12-11-88-0123, issued on October 30, 1985, and 326 IAC 7-1.1 (SO_2 Emissions Limitations), the SO_2 emissions from the one (1) coal boiler identified as CP10A, rated at 56.25 MMBtu/hr, shall not exceed two (2.0) pounds per million Btu heat input for coal combustion, and the sulfur content of the coal shall not exceed one and

two-tenths percent (1.2%) by weight at a heating value of 11,500 Btu's per pound on an "as received" basis, or any combination of these producing an equivalent emissions rate to ensure compliance with the 3-hour and 24-hour National Ambient Air Quality Standards (NAAQS) for SO_2.

(b) Pursuant to 326 IAC 7-1.1-1 Sulfur dioxide emissions from CP1A and CP1B shall be limited as follows:

(1) five tenths (0.5) pounds per million Btu heat input for distillate oil combustion; or

(2) one and six tenths (1.6) pounds per million Btu heat input for residual oil combustion.

(c) Pursuant to PC (12) 1405, that when adverse meteorological conditions exist that could cause potential downwash, only gas or No. 2 fuel oil will be used to fire these boilers identified as CP1A and CP1B. Pursuant to PC (12) 1405, that separate records will be kept of the total amounts and sulfur content of the No. 2, as well as the No. 6 fuel oil as burned in the boilers identified as CP1A and CP1B. These records shall be maintained for a running 24-month period.

(d) Pursuant to 326 IAC 7-1.1 (SO_2 Emissions Limitations):

The SO_2 emissions from the one (1) natural gas fired auxiliary boiler, using No. 2 fuel oil as a backup fuel, rated at 6.75 MMBtu/hr, identified as CP15 shall not exceed five tenths (0.5) pounds per million Btu heat input for distillate oil combustion.

(e) Pursuant to OP12-11-92-0130, issued on March 25, 1987, and 326 IAC 7-1.1 (SO_2 Emissions Limitations):

The SO_2 emissions from the one (1) natural gas fired boiler, using No. 2 fuel oil as a backup fuel, rated at 33.5 MMBtu/hr, identified as NBP26, shall not exceed five tenths (0.5) pounds per million Btu heat input for distillate oil combustion; or

326 IAC 8-1-6 (General Volatile Organic Compound Reduction Requirements)

Pursuant to CP023-4562-00020, issued on October 3, 1986, the ovens for East Plant Lines #7 (ID NBP-54-58), while performing dough leavening operations, have accepted a monthly limitation on hours of operation to keep its VOC emissions less than 25 tons per twelve (12) consecutive month period. That the operation of the ovens for Lines #7 (ID NBP 54-58), which includes dough leavening, shall be limited to 637 hours per month which assumes a confidential production rate limit based on hours of operation. Records of operating hours for the ovens for Lines #7 (ID NBP 54-58) shall be maintained at the facility for at least the past 5 year period and be made available upon request to the Office of Air Quality. This limited operation will keep the VOC emissions from this facility to less than 25 tons per twelve (12) consecutive month period, and therefore 326 IAC 8-1-6 BACT requirements do not apply.

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

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

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control)

Pursuant to 326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control) for cold cleaning operations constructed after July 1, 1990:

(a) The owner or operator of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kilopascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measure at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kilopascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three tenths (4.3) kilopascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) The owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

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 monitoring requirements applicable to this source are as follows:

(a) Pursuant to 326 IAC 7-2, the Permittee shall demonstrate that the sulfur dioxide emissions do not exceed two (2.0) pounds per MMBtu. Pursuant to 326 IAC 3-7-4 and 326 IAC 2-1.1-11, compliance shall be determined utilizing the following options:

(1) Providing vendor analysis of coal delivered, if accompanied by a certification from the fuel supplier, as described under 40 CFR 60.48c(f)(3). The certification shall include:

(A) The name of the coal supplier; and

(B) The location of the coal when the sample was collected for analysis to determine the properties of the coal, specifically including whether the coal was sampled as delivered to the affected facility or whether the coal was collected from coal in storage at the mine, at a coal preparation plant, at a coal supplier’s facility, or at another location. The certification shall include the name of the coal mine (and coal seam), coal storage facility, or coal preparation plant (where the sample was collected); and

(C) The results of the analysis of the coal from which the shipment came (or of the shipment itself) including the sulfur content, moisture content, ash content, and heat content; and

(D) The methods used to determine the properties of the coal; or

(2) Sampling and analyzing the coal by using one of the following procedures:

(A) Minimum Coal Sampling Requirements and Analysis Methods:

(i) The coal sample acquisition point shall be at a location where representative samples of the total coal flow to be combusted by the facility or facilities may be obtained. A single as-bunkered or as-burned sampling station may be used to represent the coal to be combusted by multiple facilities using the same stockpile feed system;

(ii) Coal shall be sampled at least one (1) time per day;

(iii) Minimum sample size shall be five hundred (500) grams;

(iv) Samples shall be composited and analyzed at the end of each calendar month;

(v) Preparation of the coal sample, heat content analysis, and sulfur content analysis shall be determined pursuant to 326 IAC 3-7-2(c), (d), (e); or

(3) Sample and analyze the coal pursuant to 326 IAC 3-7-3; or (Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6, which is conducted with such frequency as to generate the amount of information required by (a) or (b) above. [326 IAC 7-2-1(b)]

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

Control	**Parameter**	**Frequency**	**Range**	**Excursions and Exceedances**
Storage Silo NBP-9E	Visible Emissions	Weekly	Normal-Abnormal	Response Steps
Storage Silo NBP-9E	Pressure Drop	Weekly	3 to 6 inches	Response Steps
Storage Silo NBP-22A	Visible Emissions	Weekly	Normal-Abnormal	Response Steps
Storage Silo NBP-22A	Pressure Drop	Weekly	3 to 6 inches	Response Steps
Boiler CP10A	Visible Emissions	Daily	Normal-Abnormal	Response Steps
Boiler CP10A	Water Pressure Drop	Weekly	2 to 6 inches	Response Steps

Control	Parameter	Frequency	Range	Excursions and Exceedances
Boiler CP1A	Visible Emissions	Daily	Normal-Abnormal	Response Steps
Boiler CP1B	Visible Emissions	Daily	Normal-Abnormal	Response Steps

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 July 11, 2005. Additional information was received on April 4, 2008 and August 28, 2008.

Conclusion

The operation of this manufacturing operation producing various snackfood products shall be subject to the conditions of the attached Part 70 Operating Permit Renewal No. 023-21412-00020.

Appendix A: Emissions Calculations
Combustion Emissions

Company Name: Frito-Lay, Inc.
Address City IN Zip: 323 South CR 300 West, Frankfort IN 46041
Permit Number: T023-21412-00020
Reviewer: Teresa Freeman

Emission Factors

	PM	PM10	NOx	CO	VOC	SO2	Total HAPs	Single HAP	Units	
Natural gas	1.9	7.6	100	84	5.5	0.6	0.00182	0.0018	lbs/MMCF	1000 BTU/CF
Propane < 10 MMBTU	0.4	0.4	14	1.9	0.5	0.016			lbs/kgal	
Propane > 10 MMBtu	0.6	0.6	19	3.2	0.5	0.016			lbs/kgal	
#2 Fuel Oil	2	2.3	20	5	0.2	71	0.00157	0.033	lbs/kgal	140 MMBtu/kgal
#6 fuel Oil	10	10.1	55	5	0.28	78.5		0.033	lbs/kgal	150 MMBtu/kgal
Coal	100	23.09	22	0.5	0.06		1.55	1.2	lbs/ton	23 MMBtu/ton

					Natural Gas Potential to Emit, tons/year								Propane Potential to Emit, tons/year					
Unit ID	**Stack**	**Emission Unit**	**Rated Capacity MMBtu /hr**	**Fuels Used**	**PM**	**PM10**	**NOx**	**CO**	**VOC**	**SO2**	**Total HAPs**	**Hexane**	**PM**	**PM10**	**NOx**	**CO**	**VOC**	**SO2**
CP4B	CP-4B	FCP (Line #9) Burner	1.1	NG, Prop.	0.009	0.037	0.482	0.405	0.026	0.003	0.00001	0.00001	0.014	0.014	0.482	0.065	0.017	0.001
CP5C	CP-5C	DTC #1 (Line #4) Oven	4.2	NG, Prop.	0.035	0.140	1.840	1.545	0.101	0.011	0.00003	0.00003	0.053	0.053	1.840	0.250	0.066	0.002
CP6C	CP-6C	DTC #2 (Line #5) Oven	4.2	NG, Prop.	0.035	0.140	1.840	1.545	0.101	0.011	0.00003	0.00003	0.053	0.053	1.840	0.250	0.066	0.002
CP7C	CP-7C	UTC/RSTC #1 (Line #6) Oven	3.1	NG, Prop.	0.026	0.103	1.358	1.141	0.075	0.008	0.00002	0.00002	0.039	0.039	1.358	0.184	0.048	0.002
CP7D	CP-7D	UTC/RSTC #1 (Line #6) Oven	3.1	NG, Prop.	0.026	0.103	1.358	1.141	0.075	0.008	0.00002	0.00002	0.039	0.039	1.358	0.184	0.048	0.002
CP14	CP-14	UTC (Line #7) Oven	4.2	NG, Prop.	0.035	0.140	1.840	1.545	0.101	0.011	0.00003	0.00003	0.053	0.053	1.840	0.250	0.066	0.002
CP13B	CP-13B	UTC (Line #7) Burner	4.0	NG, Prop.	0.033	0.133	1.752	1.472	0.096	0.011	0.00003	0.00003	0.050	0.050	1.752	0.238	0.063	0.002
CP8C	CP-8C	UTC/RSTC #2 (Line #8) Oven	4.2	NG, Prop.	0.035	0.140	1.840	1.545	0.101	0.011	0.00003	0.00003	0.053	0.053	1.840	0.250	0.066	0.002
CP8B	CP-8B	UTC/RSTC #2 (Line #8) Burner	4.0	NG, Prop.	0.033	0.133	1.752	1.472	0.096	0.011	0.00003	0.00003	0.050	0.050	1.752	0.238	0.063	0.002
CP10A	CP-10A	Auxillary Burner (Sidewall)	28.0	NG, Prop.	0.233	0.932	12.264	10.302	0.675	0.074	0.00022	0.00022	0.526	0.526	16.644	2.803	0.438	0.014
CP12	CP-12	Starch Dryer	1.5	NG, Prop.	0.012	0.050	0.657	0.552	0.036	0.004	0.00001	0.00001	0.019	0.019	0.657	0.089	0.023	0.001
NBP11A	NBP-11A	BCP (Line #5) Oven	2.5	NG, Prop.	0.021	0.083	1.095	0.920	0.060	0.007	0.00002	0.00002	0.031	0.031	1.095	0.149	0.039	0.001
NBP12	NBP-12	Popcorn (Line #6) Oven	0.8	NG, Prop.	0.007	0.027	0.350	0.294	0.019	0.002	0.00001	0.00001	0.010	0.010	0.350	0.048	0.013	0.000
	NBP-33	BTC #1 (Line #2) Sec. Dryer	3.6	NG, Prop.	0.030	0.120	1.577	1.325	0.087	0.009	0.00003	0.00003	0.045	0.045	1.577	0.214	0.056	0.002
NBP34	NBP-34	BTC #2 (Line #3) Oven	9.73	NG, Prop.	0.081	0.324	4.262	3.580	0.234	0.026	0.00008	0.00008	0.122	0.122	4.262	0.578	0.152	0.005
NBP35	NBP-35	BTC #2 (Line #3) Prim. Dryer	10.0	NG, Prop.	0.083	0.333	4.380	3.679	0.241	0.026	0.00008	0.00008	0.125	0.125	4.380	0.594	0.156	0.005
NBP42	NBP-42	BPC #1 (Line #1) Primary Dryer	9.6	NG, Prop.	0.080	0.320	4.205	3.532	0.231	0.025	0.00008	0.00008	0.120	0.120	4.205	0.571	0.150	0.005
NBP44	NBP-44 & 45	BPC #1 (Line #1) Sec. Dryer	3.0	NG, Prop.	0.025	0.100	1.314	1.104	0.072	0.008	0.00002	0.00002	0.038	0.038	1.314	0.178	0.047	0.002
NBP53	NBP-53	PRTZ #1 (Line #7) Cooker	0.3	NG, Prop.	0.002	0.010	0.131	0.110	0.007	0.001	0.00000	0.00000	0.004	0.004	0.131	0.018	0.005	0.000
NBP54	NBP-54	PRTZ #1 (Line #7) Oven	4.6	NG, Prop.	0.038	0.153	2.015	1.692	0.111	0.012	0.00004	0.00004	0.058	0.058	2.015	0.273	0.072	0.002
NBP65	NBP-65	RSTC (Line #2) Oven	9.9	NG, Prop.	0.082	0.330	4.336	3.642	0.238	0.026	0.00008	0.00008	0.124	0.124	4.336	0.588	0.155	0.005
NBP68	NBP-68 A & B	Line #8 Oven	27.5	NG, Prop.	0.229	0.915	12.045	10.118	0.662	0.072	0.00022	0.00022	0.516	0.516	16.347	2.753	0.430	0.014
NBP69	NPB-69	Line #8 dryer	4.4	NG, Prop.	0.037	0.146	1.927	1.619	0.106	0.012	0.00004	0.00003	0.055	0.055	1.927	0.262	0.069	0.002
CP15	CP15	Auxillary Boiler	6.75	NG, Prop.	0.056	0.225	2.957	2.483	0.163	0.018	0.00005	0.00005	0.084	0.084	2.957	0.401	0.106	0.003
		Subtotals			1.284	5.136	67.575	56.763	3.717	0.405	0.00123	0.00122	2.278	2.278	76.256	11.428	2.413	0.077

					Natural Gas Potential to Emit, tons/year								Propane Potential to Emit, tons/year					
					PM	**PM10**	**NOx**	**CO**	**VOC**	**SO2**	**Total HAPs**	**Hexane**	**PM**	**PM10**	**NOx**	**CO**	**VOC**	**SO2**
CP1A	CP1	NG fired Boiler (propane & fuel o	61	NG, Prop, #2 & #6 fuel Oil	0.508	2.031	26.718	22.443	1.469	0.160	0.00049	0.00048	1.145	1.145	36.260	6.107	0.954	0.031
CP1B	CP1	NG fired Boiler (propane & fuel o	61		0.508	2.031	26.718	22.443	1.469	0.160	0.00049	0.00048	1.145	1.145	36.260	6.107	0.954	0.031
					#2 Fuel oil Potential to Emit, tons/year								**#6 Fuel Oil Potential to Emit, tons/year**					
					PM	**PM10**	**NOx**	**CO**	**VOC**	**SO2**	**Total HAP**	**Formaldehyde**	**PM**	**PM10**	**NOx**	**CO**	**VOC**	**SO2**
CP1A	CP1	NG fired Boiler (propane & fuel o	61		3.817	4.389	38.169	9.542	0.382	135.498	0.003	0.063	17.812	17.990	97.966	8.906	0.499	139.824
CP1B	CP1	NG fired Boiler (propane & fuel o	61		3.817	4.389	38.169	9.542	0.382	135.498	0.003	0.063	17.812	17.990	97.966	8.906	0.499	139.824

			Coal Uncontrolled Potential to Emit, tons/year							
			PM	**PM10**	**NOx**	**CO**	**VOC**	**SO2**	**Total HAPs**	**HCL**
Coal Fired Boiler	56.25	Coal	1071.2	247.3	235.7	5.4	0.6	250.0	16.6	12.9
Limited Potential to Emit based on 0.28 lb/MMBtu PM limit			3.00	3.00						

	Limited Potential to Emit Summary, tons/year							
	PM	**PM10**	**NOx**	**CO**	**VOC**	**SO2**	**Total HAPs**	**HCL**
Natural gas & Propane fired Units	2.28	5.14	76.26	56.76	3.72	0.41	0.00123	
CP1A	17.81	17.99	97.97	22.44	1.47	139.82	0.003	
CP1B	17.81	17.99	97.97	22.44	1.47	139.82	0.003	
Coal Fired Boiler	3.00	3.00	235.66	5.36	0.64	250.00	16.6	12.9
Total PTE for Combustion Sources	40.90	44.12	507.85	107.00	7.30	530.05	16.611	12.854

Appendix A: Emissions Calculations
Combustion Emissions

Company Name: Frito-Lay, Inc.
Address City IN Zip: 323 South CR 300 West, Frankfort IN 46041
Permit Number: T023-21412-00020
Reviewer: Teresa Freeman

Unit ID	Stack	Emission Unit	Control Device	Process rate, lbs/hr	Process weight rate, tons/hr	Process weight Limit, lbs/hr	Uncontrolled PM Emission factor (lb/Ton)	Control Efficiency	Un controlled PM , lbs/hour	Controlled PM, lbs/hour	PM PTE, tons/year	Uncontrolled VOC Emission factor (lb/Ton)	Un controlled VOC, lbs/hour	VOC PTE, tons/year
CP2	CP-2A	PC #1 (Line #1) Cooker	Mist Eliminator	8000	4	10.38	1.6	85%	6.40	0.96	4.205	0.020	0.08	0.350
CP11	CP11A/B	PC #2 (line #2) Cooker	Mist Eliminator	8000	4	10.38	3.45	85%	13.80	2.07	9.067	0.020	0.08	0.350
CP3	CP-3A	FCC (Line #3) Cooker		2150	1.075	4.30	1.689	0%	1.82	1.82	7.953	0.085	0.091375	0.400
CP4A	CP-4A	FCP (Line #9) Cooker		2750	1.375	5.08	0.18	0%	0.24	0.24	1.060	0.085	0.116875	0.512
CP4C	CP-4C	FCP (Line #9) Extruder	Rotoclone	2750	1.375	5.08	10.55	98%	14.51	0.29	1.271			
CP4D	CP-4D	Bulk Corn Meal Unloading	FabFil	27500	13.75	23.74	3.60	99.9%	49.50	0.050	0.217			
CP4E	CP-4E	Bulk Corn Meal Storage (2 silos)	FabFil	27500	13.75	23.74	0.033	99.9%	0.45	0.00	0.002			
CP4F	Indoors	Bulk Corn Meal Transfer	FabFil	15000	7.5	15.82	0.02	99.9%	0.15	0.00	0.001			
CP5A	CP-5A	DTC #1 (Line #4) Cooker		2100	1.05	4.24	0.67	0%	0.70	0.70	3.081	0.085	0.08925	0.391
CP5D(F)	Indoors	DTC #1 (Line #4) Amb Air Cooler		2100	1.05	4.24	0.18	0%	0.18	0.18	0.809			
CP6A	CP-6A	DTC #2 (Line #5) Cooker		2100	1.05	4.24	0.67	0%	0.70	0.70	3.081	0.085	0.08925	0.391
CP6D	CP-6D	DTC #2 (Line #5) Amb Air Cooler		2100	1.05	4.24	0.18	0%	0.18	0.18	0.809			
CP7A	CP-7A	UTC/RSTC #1 (Line #6) Cooker		2600	1.3	4.89	0.67	0%	0.87	0.87	3.815	0.085	0.1105	0.484
CP7E	CP-7E	UTC/RSTC#1 (Line #6) Amb Air Cooler		2600	1.3	4.89	0.18	0%	0.23	0.23	1.002			
CP13A	CP-13A	UTC (Line #7) Cooker		1150	0.575	2.83	1.03	0%	0.59	0.59	2.594	0.085	0.048875	0.214
CP8A	CP-8A	UTC/RSTC #2 (Line #8) Cooker		1150	0.575	2.83	1.03	0%	0.59	0.59	2.594	0.085	0.048875	0.214
CP9A(F)	CP-9A(F)	Corn Receiv./Storage (4 silos)	Chk Feed	15,000	7.5	15.82	0.0078	90%	0.06	0.01	0.026			
CP9B1	CP-9B1	Corn Cleaner A	Fab Fil	7500	3.75	9.94	5.00	99.9%	18.75	0.019	0.082			
CP9B2	CP-9B2	Corn Cleaner B	Cyclone	7500	3.75	9.94	5.00	99.0%	18.75	0.188	0.821			
CP10B	CP-10B	Coal Storage Silo	bin vent	50000	25	35.43	0.04	75%	1.00	0.250	1.095			
CP10C	CP-10C	Ash Storage Silo	FabFil	5000	2.5	7.58	0.04	99.9%	0.10	0.000	0.000			
CP16	CP-16	LBCSS Transfer	FabFil	15000	7.5	15.82	0.0078	99.9%	0.06	0.000	0.000			
CP17	CP-17	Lime Transfer	FabFil	1500	0.75	3.38	20	99.9%	15.00	0.015	0.066			
	NBP-5	Sunchips (Line #4) Cooker		3400	1.7	5.85	1.72	0%	2.92	2.92	12.807	0.085	0.1445	0.633
	NBP-7	Sunchips (Line #4) Sifter		3400	1.7	5.85	1.53	0%	2.60	2.60	11.392			
	NBP-8	Sunchips (Line #4) Cooler		3400	1.7	5.85	0.18	0%	0.30	0.30	1.310			
NBP9A(F)	NBP-9A(F)	Corn Receiv./Storage (3 Silos)	Chk Feed	22,400	11.2	20.69	0.0078	99.9%	0.09	0.000	0.000			
NBP9B(F)	Indoors	Corn Cleaner	Fab Fil	22,400	11.2	20.69	5.00	99.9%	56.00	0.056	0.245			
NBP9C/D	NBP-9C/D	Corn Unloading/Storage (Silos #4&#5)	Fab Fil	25,000	12.5	22.27	0.0078	99.9%	0.10	0.000	0.000			
NBP9	NBP-9E	Corn Transfer	Fab Fil	18,000	9	17.87	0.0078	99.9%	0.07	0.000	0.000			
NBP9G	NBP-9G	Corn Storage Silo #6	Fab Fil	25,000	12.5	22.27	0.0078	99.9%	0.10	0.000	0.000			
NBP11B	NBP-11B	BCP (Line #5) Extruder		3400	1.7	5.85	0.21	0%	0.36	0.36	1.564			
NBP17(f)	Indoors	Whole Grain Cleaner	Fab Fil	3400	1.7	5.85	4.00	99.9%	6.80	0.01	0.030			
NBP18	NBP-18	Wheat Grain Recv./Stor. (Silo 1)	Fab Fil	3400	1.7	5.85	4.00	99.9%	6.80	0.01	0.030			
NBP19	NBP-19	Wheat Grain Recv./Stor. (Silo 2)	Fab Fil	3400	1.7	5.85	4.00	99.9%	6.80	0.01	0.030			
NBP20	NBP-20	Corn Meal Rec./Stor (Silo 1)	Fab Fil	27500	13.75	23.74	0.033	99.9%	0.45	0.00	0.002			
NBP21	NBP-21	Corn Meal Rec./Stor (Silo 2)	Fab Fil	27500	13.75	23.74	0.033	99.9%	0.45	0.00	0.002			
NBP22(F)	Indoors	Corn Meal Transfer	Fab Fil	3400	1.7	5.85	0.02	99.9%	0.03	0.00	0.000			
NBP22A	NBP-22A	Cornmeal Unloading Silo #3	Fab Fil	27,500	13.75	23.74	3.60	99.9%	49.50	0.050	0.217			
NBP23	NBP-23	Wheat Meal Rec./Stor (Silo 1)	Fab Fil	27,500	13.75	23.74	1.00	99.9%	13.75	0.01	0.060			
NBP24	NBP-24	Wheat Meal Rec./Stor (Silo 2)	Fab Fil	27,500	13.75	23.74	1.00	99.9%	13.75	0.01	0.060			
NBP25(F)	Indoors	Wheat Meal Transfer	Fab Fil	27,500	13.75	23.74	1.00	99.9%	13.75	0.01	0.060			
NBP36	NBP-36	BTC #2 (Line #3) Cooker	OME	4000	2	6.52	1.47	85%	2.94	0.44	1.932	0.085	0.17	0.745
NBP37	NBP-37	BPC #1 Recv/Storage (Silo 1)	Fab Fil	27,500	13.75	23.74	2.00	99.9%	27.50	0.03	0.120			
NBP38	NBP-38	BPC #1 Recv/Storage (Silo 2)	Fab Fil	27,500	13.75	23.74	2.00	99.9%	27.50	0.03	0.120			
NBP41(F)	NBP-41(F)	BPC #1 Matl Transfer	Fab Fil	27,500	13.75	23.74	5.00	99.9%	68.75	0.07	0.301			
NBP66	NBP-66	RSTC (Line #2) Cooker	OME	3400	1.7	5.85	1.47	85%	2.50	0.37	1.642	0.085	0.1445	0.633
NBP67	NBP-67	RSTC (Line #2) Amb Air Cooler		3400	1.7	5.85	0.18	0%	0.30	0.30	1.310			
NBP39&40	NBP39 & 40	Raw material storage silos	Fab Fil	4000	2	6.52	5.00	99.9%	10.00	0.01	0.044			
NBP70A & B	NBP70A/B	Line #9 Storage Silos	Fab Fil	6,000	3	8.56	5.00	99.9%	15.00	0.02	0.066			
		new unnamed Cooker		1300	0.65	3.07	0.18	0%	0.11	0.11	0.501	0.085	0.05525	0.242