

TO: Interested Parties / Applicant
RE: National Starch and Chemical Company / 097-20891-00042
FROM: Felicia A. Robinson
Administrator



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 13-17-3-4 and 326 IAC 2, this permit modification 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 13-15-7-3 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 Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within fifteen (15) days of the receipt of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

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

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

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

Enclosures



Air Quality Hotline: 317-327-4AIR | knozone.com

Department of Public Works
Office of Environmental Services

2700 Belmont Avenue
Indianapolis, IN 46221

317-327-2234
Fax 327-2274
TDD 327-5186
indygov.org/dpw

December 8, 2006

Ms. Denise Curtis
National Starch and Chemical Company
1515 South Drovers Street
Indianapolis, IN 46221



CERTIFIED MAIL 7005 0390 0000 6271 7421

Re: 097-20891-00042 First Significant Permit
Modification to Part 70 No.: T 097-7714-00042

Dear Ms Curtis:

National Starch and Chemical Company was issued a Part 70 Operating permit on April 14, 2004 for a wet corn milling plant which produces feed, gluten meal, germ meal, and heavy steepwater. An application was submitted on March 1, 2005, requesting the addition of two (2) insignificant activities, corrections to descriptive information, and replacing the scrubber used to control SO₂ emissions from units 5502-1A through 1C with a 1st effect wash water system controlling SO₂ emissions from unit 5502-1A only. Pursuant to the provisions of 326 IAC 2-7-12(d), a significant permit modification is hereby approved as described in the attached Technical Support Document.

After extensive evaluation and deliberation, IDEM and OES have concluded that certain permit conditions that are routinely appealed in Part 70 permits could be altered in a manner that would be less burdensome on the Permittee but would still ensure that sources can demonstrate compliance with State and Federal Regulations on a continual basis. National Starch and Chemical Company has requested that such changes be made to their existing permit. These changes, including the relaxation of compliance monitoring frequency, are being made, pursuant to 326 IAC 2-7-12(d). Additional changes have been made to the permit as a result of administrative changes and changes to federal and state regulations.

All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Anh-tuan Nguyen, at (317) 327-2353 or tnguyen@indygov.org.

Sincerely,

Original Signed by

Felicia A. Robinson
Administrator

Attachments: Revised Permit and Technical Support Document
Notice of Decision

FAR/an

cc: File
Air Compliance, Matt Mosier
IDEM, Mindy Hahn
Permits, Anh-tuan Nguyen
USEPA, Region 5
Marion County Health Department



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Department of Public Works
Office of Environmental Services

2700 Belmont Avenue
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PART 70 OPERATING PERMIT

**Indiana Department of Environmental Management
 Office of Air Quality
 and
 City of Indianapolis
 Office of Environmental Services**

**National Starch and Chemical Company
 1515 South Drover Street
 Indianapolis, IN 46221**

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

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

Operation Permit No.: T097-7714-00042	
Original Signed by: Janet G. McCabe, Assistant Commissioner Indiana Department of Environmental Management Office of Air Quality and John B. Chavez, Administrator Indianapolis Office of Environmental Services	Issuance Date: 4/14/04 Expiration Date: 4/14/09
Significant Permit Modification No.: 097-20891-00042	Pages effected: Entire Permit
Issued by: Original Signed by: Felicia A. Robinson Administrator Indianapolis Office of Environmental Services	Issuance Date: 12/8/06 Expiration Date: 4/14/09



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**Department of Public Works
 Office of Environmental Services**

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), and the City of Indianapolis, Office of Environmental Services (OES). 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 wet corn milling plant which produces feed, gluten meal, germ meal, and heavy steepwater.

Responsible Official:	Vice President of Manufacturing, North America
Source Address:	1515 South Drover Street, Indianapolis, IN 46221
Mailing Address:	1515 South Drover Street, Indianapolis, IN 46221
General Phone Number:	(317) 656-2325
SIC Code:	2046
County Location:	Marion
Source Location Status:	Nonattainment for 8 hour Ozone Standard Nonattainment for PM2.5 Standard Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules Not 1 of 28 Source Categories Major Source, Section 112 of the Clean Air Act

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) One (1) natural gas-fired #1 Starch Flash Dryer, identified as unit 40-4, constructed in 1965 and modified in 1994, with a maximum heat input capacity of 30 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-4.
- (b) One (1) natural gas-fired #2 Starch Flash Dryer, identified as unit 40-3, constructed in 1967 and modified in 1994 and 1999, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-3.
- (c) One (1) natural gas-fired #3 Starch Flash Dryer, identified as unit 40-2, constructed in 1971, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-2.
- (d) One (1) natural gas-fired #4 Starch Flash Dryer, identified as unit 575-1, constructed in 1977, with a maximum heat input capacity of 43 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-1.
- (e) One (1) natural gas-fired #6 Starch Flash Dryer, identified as unit 575-3, constructed in 1993, a maximum heat input capacity of 40 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-3.
- (f) One (1) natural gas-fired #1 Spray Dryer, identified as unit 5549-1, constructed in 1993 and modified in 1998, a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-1.

- (g) One (1) natural gas-fired #2 Spray Dryer, identified as unit 5549-2, constructed in 1993 and modified in 1998, with a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-2.
- (h) One (1) natural gas-fired #5 Starch Flash Dryer, identified as unit 575-2, constructed in 1979 and replaced in 1995, with a maximum heat input capacity of 38 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-2.
- (i) One (1) natural gas-fired Feed Dryer, identified as unit 5502-1A, constructed in 1997, a maximum heat input capacity of 77 MMBtu/hr, with SO₂ emissions controlled by the 1st effect wash water system, and exhausting to the inlet of unit 5502-1D.
- (j) One (1) natural gas-fired Germ Dryer, identified as unit 5502-1B, constructed in 1997, a maximum heat input capacity of 20 MMBtu/hr, and exhausting to the inlet of unit 5502-1D.
- (k) One (1) natural gas-fired Gluten Dryer, identified as unit 5502-1C, constructed in 1997, a maximum heat input capacity of 32 MMBtu/hr, and exhausting to the inlet of unit 5502-1D.
- (l) One (1) natural gas-fired Regenerative Thermal Oxidizer, identified as unit 5502-1D, constructed in 1997, a maximum heat input capacity of 18 MMBtu/hr, used for particulate and opacity control, and exhausting to stack 5502-7.
- (m) Spray Agglomerator #3, identified as unit 5549-28, part of the spray agglomeration process, a maximum heat input capacity of 25.0 MMBtu/hr, with emissions controlled by a wet scrubber, and exhausting to stack 5549-28.
- (n) One (1) DSW Bulk Bag Filler, identified as unit 71-9, with emissions controlled by an integral baghouse, and exhausting to stack 71-9.
- (o) One (1) Chilsonator, identified as unit 5552-1, with emissions controlled by an integral baghouse, and exhausting to stack 5552-1.
- (p) One (1) Chilsonator Hopper, identified as unit 5552-2, with emissions controlled by an integral baghouse, and exhausting to stack 5552-2.
- (q) One (1) Truck Loadout Collector, identified as unit 5503-6, constructed in 1999, with emissions controlled by a baghouse, and exhausting to stack 5503-6.
- (r) One (1) Germ Bin, one (1) Pellet Bin #1, and one (1) Pellet Bin #2, identified as units 5503-2, 5503-3, and 5503-4 respectively, each constructed in 1997, with emissions controlled by a Loadout Dust Collection System, identified as 5503-5, and exhausting to stack 5503-2.
- (s) One (1) DSW Packing Fugitive Dust Collector, identified as unit 71-7, constructed in 1977, with emissions controlled by a baghouse, and exhausting to stack 71-7.
- (t) One (1) RSP North Packing Line, identified as unit 577-2, constructed in 1979 and modified in 2000, with emissions controlled by a baghouse, and exhausting to stack 577-2.
- (u) One (1) Gluten Receiver, identified as unit 5503-1, constructed in 1997, with emissions controlled by a baghouse, and exhausting to stack 5503-1.

- (v) One (1) Pellet Cooler and one (1) Germ Cooler, identified as units 5502-5 and 5502-6, respectively, each constructed in 1997, with emissions controlled by a high efficiency cyclone, and exhausting to stacks 5502-5 and 5502-6 respectively.
- (w) Two (2) Loose Feed Bins, collectively identified as unit 5502-4, constructed in 1997, with emissions controlled by a baghouse, and exhausting to stack 5502-4.
- (x) One (1) Hammer Mill, identified as unit 5502-3, constructed in 1997, with emissions controlled by a baghouse, and exhausting to stack 5502-3.
- (y) One (1) DSE Bag Slitter, identified as unit 42-10, constructed in 1987, with emissions controlled by a baghouse, and exhausting to stack 42-10.
- (z) One (1) P-6 Rework Station, identified as unit 54-1, constructed in 1987, with emissions controlled by a baghouse, and exhausting to stack 54-1.
- (aa) One (1) RSP Hopper #4, identified as unit 577-5, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-5.
- (bb) One (1) RSP Hopper #6, identified as unit 577-6, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-6.
- (cc) One (1) RSP Hopper #5, identified as unit 577-7, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-7.
- (dd) One (1) RSP Hopper #1, identified as unit 577-8 constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-8.
- (ee) One (1) RSP Hopper #2, identified as unit 577-9, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-9.
- (ff) One (1) RSP Hopper #3, identified as unit 577-10, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-10.
- (gg) One (1) Industrial Packer, identified as unit 71-1, constructed in 1994, with emissions controlled by a baghouse, and exhausting to stack 71-1.
- (hh) Two (2) Spray Dryer Product Receivers, identified as units 5549-3 and 5549-4, constructed in 1993, each with emissions controlled by an integral baghouse, and exhausting to stacks 5549-3 and 5549-4.
- (ii) One (1) #1 Spray Dryer Storage Hopper #1, identified as unit 5549-7, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 5549-7.
- (jj) One (1) #1 Spray Dryer Storage Hopper #2, identified as unit 5549-8, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 5549-8.
- (kk) One (1) #2 Spray Dryer Storage Hopper #3, identified as unit 5549-9, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 5549-9.
- (ll) One (1) #2 Spray Dryer Storage Hopper #4, identified as unit 5549-10, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 5549-10.

- (mm) One (1) Agglomerator Feed Storage Bin, identified as unit 5549-12, constructed in 1995, with emissions controlled by an integral baghouse, and exhausting to stack 5549-12.
- (nn) One (1) Agglomerator, identified as unit 5549-13, constructed in 1995, with emissions controlled by a baghouse, and exhausting to stack 5549-13.
- (oo) One (1) Agglomerator Equipment Aspiration, identified as unit 5549-14, constructed in 1995, with emissions controlled by a baghouse, and exhausting to stack 5549-14.
- (pp) One (1) spray agglomeration process, constructed in 2000, consisting of the following units:
 - (1) East Box Packer Filter Receiver, identified as unit 5549-16, with emissions controlled by an integral baghouse, and exhausting to stack 5549-16.
 - (2) West Box Packer Filter Receiver, identified as unit 5549-17, with emissions controlled by an integral baghouse, and exhausting to stack 5549-17.
 - (3) Line 1 Middle Packer, identified as unit 5549-18, with emissions controlled by an integral baghouse, and exhausting to stack 5549-18.
 - (4) Line 1 North Packer, identified as unit 5549-19, with emissions controlled by an integral baghouse, and exhausting to stack 5549-19.
 - (5) #2 Fugitive Dust Collector, identified as emission unit 5549-20, with emissions controlled by a baghouse, and exhausting to stack 5549-20.
 - (6) Line 1 Packing ambient D/C, identified as unit 5549-21, with emissions controlled by baghouse, and exhausting to stack 5549-21.
 - (7) Line 2 Packer, identified as unit 5549-26, with emissions controlled by an integral baghouse, and exhausting to stack 5549-26.
- (qq) One (1) West Corn Truck Dump, identified as unit 56-1, constructed before 1968 and modified in 1996, with emissions controlled by a baghouse, and exhausting to stack 56-1.

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) Grinding and machining operations controlled with fabric filters with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations: [326 IAC 2-7-1(21)(G)(xxiii)]
 - (1) One (1) DSE Hopper #9, identified as unit 42-3A; [326 IAC 6.5-6-25]
 - (2) One (1) DSE Hopper #10, identified as unit 42-3B; [326 IAC 6.5-6-25]
 - (3) One (1) DSE Hopper #11, identified as unit 42-3C; [326 IAC 6.5-6-25]
 - (4) One (1) DSE Hopper #12, identified as unit 42-3D; [326 IAC 6.5-6-25]
 - (5) One (1) DSE Hopper #13, identified as unit 42-3E; [326 IAC 6.5-6-25]

- (6) One (1) DSE Hopper #14, identified as unit 42-3F; [326 IAC 6.5-6-25]
 - (7) One (1) DSE Hopper #2, identified as unit 42-7A; [326 IAC 6.5-6-25]
 - (8) One (1) DSE Hopper #4, identified as unit 42-7B; [326 IAC 6.5-6-25]
 - (9) One (1) DSE Hopper #6, identified as unit 42-7C; [326 IAC 6.5-6-25]
 - (10) One (1) DSE Hopper #1, identified as unit 42-8A; [326 IAC 6.5-1-2]
 - (11) One (1) DSE Hopper #3, identified as unit 42-8B; [326 IAC 6.5-1-2]
 - (12) One (1) DSE Hopper #5, identified as unit 42-8C; [326 IAC 6.5-1-2]
 - (13) One (1) DSE Hopper #7, identified as unit 42-8D; [326 IAC 6.5-1-2]
 - (14) One (1) CWS #8 Mill Receiver; identified as unit 63-1A; [326 IAC 6.5-1-2]
 - (15) One (1) CWS Entoleter Mill; identified as unit 63-17; [326 IAC 6.5-1-2]
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6: operations M1 through M4 and RSP shop. [326 IAC 2-7-1(21)(G)(vi)(CC)][326 IAC 8-3-3]
- (c) Paved and unpaved roads and parking lots with public access. [326 IAC 2-7-1(21)(G)(xiii)][326 IAC 6-4]
- (d) Emission units or activities with potential uncontrolled PM10 emissions of less than 5 pounds per hour or 25 pounds per day: [326 IAC 2-7-1(21)(B)]
- (1) One (1) 152-1 Filter Receiver; [326 IAC 6.5-1-2]
 - (2) One (1) 152-2 Mixer baghouse; [326 IAC 6.5-1-2]
 - (3) One (1) 152-3 Starch Cooler Filter Receiver Bld 852; [326 IAC 6.5-1-2]
 - (4) One (1) 152-4 Starch Mixer 2 Filter/Receiver Bld 852A; [326 IAC 6.5-1-2]
 - (5) One (1) 152-5 Starch Mixer 2 Bld 852A; [326 IAC 6.5-1-2]
 - (6) One (1) 152-6 Starch Storage Hopper; [326 IAC 6.5-1-2]
 - (7) One (1) 128-3 Starch Hopper D/C; [326 IAC 6.5-1-2]
 - (8) One (1) DSW Chemical Blender Bag Slitter, identified as unit 61-15; [326 IAC 6.5-1-2]
 - (9) One (1) DSE Hopper #8, identified as unit 42-4; [326 IAC 6.5-6-25]
 - (10) One (1) Dextrin #1 System Cooler Conveyor, identified as unit 61-3; [326 IAC 6.5-1-2]
 - (11) One (1) Dextrin Flash Dryer, identified as unit 61-9; [326 IAC 6.5-6-25]
 - (12) One (1) Dextrin #3 System Cooler, identified as unit 61-22; [326 IAC 6.5-1-2]

- (13) One (1) Dextrin #2 System Cooler Conveyor, identified as unit 61-23; [326 IAC 6.5-1-2]
- (14) One (1) CWS South Conveying, identified as unit 63-4; [326 IAC 6.5-1-2]
- (15) One (1) CWS North Conveying, identified as unit 63-5; [326 IAC 6.5-1-2]
- (16) One (1) DSE North Packer, identified as unit 42-1; [326 IAC 6.5-6-25]
- (17) One (1) DSE South Packer, identified as unit 42-9; [326 IAC 6.5-1-2]
- (18) One (1) sodium sulfate conveying system, identified as unit 40-1; [326 IAC 6.5-1-2]
- (19) One (1) DSE Negative Receiver, identified as unit 42-6; [326 IAC 6.5-6-25]
- (20) One (1) DSE Railcar Loading - East Track, identified as unit 42-11; [326 IAC 6.5-1-2]
- (21) One (1) DSE Railcar Loading - West Track, identified as unit 42-12; [326 IAC 6.5-1-2]
- (22) One (1) Dextrin #1 System Mixer, identified as unit 61-1; [326 IAC 6.5-1-2]
- (23) One (1) Dextrin #1 System Cookers, identified as unit 61-2; [326 IAC 6.5-1-2]
- (24) One (1) Dextrin #2 System Mixer, identified as unit 61-6; [326 IAC 6.5-6-25]
- (25) Two (2) Dextrin #2 System East and West Tanks, identified as unit 61-7; [326 IAC 6.5-1-2]
- (26) One (1) Starch Storage Silo #3 Receiver, identified as unit 61-11; [326 IAC 6.5-1-2]
- (27) One (1) Starch Storage Silo #1 Receiver, identified as unit 61-12; [326 IAC 6.5-1-2]
- (28) One (1) Starch Storage Silo #1, identified as unit 61-13; [326 IAC 6.5-1-2]
- (29) One (1) Dextrin #1 System Packer, identified as unit 61-14; [326 IAC 6.5-6-25]
- (30) One (1) DSW Chemical Blender Tank; identified as unit 61-14A; [326 IAC 6.5-6-25]
- (31) One (1) Dextrin System Acidifiers; identified as unit 61-16; [326 IAC 6.5-1-2]
- (32) One (1) Dextrin #2 System Cooler; identified as unit 61-18; [326 IAC 6.5-1-2]
- (33) One (1) Dextrin #3 System Cookers; identified as unit 61-19; [326 IAC 6.5-1-2]
- (34) One (1) Starch Storage Silo #2; identified as unit 61-20; [326 IAC 6.5-1-2]
- (35) One (1) Starch Storage Silo #2 Receiver; identified as unit 61-21; [326 IAC 6.5-1-2]
- (36) One (1) Dextrin #3 System Mixer; identified as unit 61-24; [326 IAC 6.5-1-2]

- (37) One (1) Dextrin #3 System West Tank; identified as unit 61-25; [326 IAC 6.5-1-2]
- (38) One (1) Dextrin #3 System East Tank; identified as unit 61-26; [326 IAC 6.5-1-2]
- (39) One (1) Grain Elevator, identified as unit 56-2; [326 IAC 6.5-6-25]
- (40) One (1) CWS #7 Dryer Receiver; identified as unit 63-3; [326 IAC 6.5-1-2]
- (41) One (1) CWS Packer; identified as unit 63-9; [326 IAC 6.5-1-2]
- (42) One (1) Liquid Glue Bag Dump; identified as unit 63-12; [326 IAC 6.5-1-2]
- (43) One (1) CWS #9 and #10 Dryers Receiver; identified as unit 63-15; [326 IAC 6.5-1-2]
- (44) One (1) CWS #11, #12, and #13 Dryers; identified as unit 63-16; [326 IAC 6.5-1-2]
- (45) One (1) Starch Hopper D/C, identified as unit 128-3; [326 IAC 6.5-1-2]
- (46) One (1) CWS South Raw Material Dump; identified as unit 63-18; [326 IAC 6.5-1-2]
- (47) One (1) DSW Negative Receiver; identified as unit 63-20; [326 IAC 6.5-1-2]
- (48) Two (2) DSW Hoppers #17 and #18; identified as unit 71-2; [326 IAC 6.5-6-25]
- (49) One (1) Dextrin Packer; identified as unit 71-3; [326 IAC 6.5-1-2]
- (50) One (1) DSW Hopper #13, identified as unit 71-4A; [326 IAC 6.5-6-25]
- (51) One (1) DSW Hopper #1; identified as unit 71-5A; [326 IAC 6.5-6-25]
- (52) One (1) DSW Hopper #2; identified as unit 71-5B; [326 IAC 6.5-6-25]
- (53) One (1) DSW Hopper #3; identified as unit 71-5C; [326 IAC 6.5-6-25]
- (54) One (1) DSW Hopper #4; identified as unit 71-5D; [326 IAC 6.5-6-25]
- (55) One (1) DSW Hopper #5; identified as unit 71-5E; [326 IAC 6.5-6-25]
- (56) One (1) DSW Hopper #6; identified as unit 71-5F; [326 IAC 6.5-6-25]
- (57) One (1) DSW Hopper #7; identified as unit 71-5G; [326 IAC 6.5-6-25]
- (58) One (1) DSW Hopper #8; identified as unit 71-5H; [326 IAC 6.5-6-25]
- (59) One (1) DSW Hopper #9; identified as unit 71-5I; [326 IAC 6.5-6-25]
- (60) One (1) DSW Hopper #10; identified as unit 71-5J; [326 IAC 6.5-6-25]
- (61) One (1) DSW Hopper #11; identified as unit 71-5K; [326 IAC 6.5-6-25]
- (62) One (1) DSW Hopper #12; identified as unit 71-5L; [326 IAC 6.5-6-25]
- (63) One (1) DSW Bulk Car Loading; identified as unit 71-8; [326 IAC 6.5-1-2]

- (64) One (1) RSP Bulk Bag Packing; identified as unit 577-1; [326 IAC 6.5-1-2]
- (65) One (1) RSP Bulk Loading System A; identified as unit 577-4; [326 IAC 6.5-1-2]
- (66) One (1) RSP Bulk Loading Fugitive Dust Collector; identified as unit 577-4A; [326 IAC 6.5-1-2]
- (67) One (1) CWS Packing Hopper; identified as unit 578-2; [326 IAC 6.5-1-2]
- (68) One (1) CWS Milling System, identified as unit 578-3; [326 IAC 6.5-1-2]
- (69) One (1) CATO Cooling and Conveying, identified as unit 581-2; [326 IAC 6.5-1-2]
- (70) One (1) RSP South Packing Line, identified as unit 577-3; [326 IAC 6.5-1-2]
- (71) One (1) Starch Filter/Receiver 2 Bld 852, identified as unit 152-7; [326 IAC 6.5-1-2]
- (72) One (1) Starch Mixer 4 Bld 852A Filter Receiver, identified as unit 152-8; [326 IAC 6.5-1-2]
- (73) One (1) Starch Mixer 4 Bld 852A, identified as unit 152-9; [326 IAC 6.5-1-2]
- (74) One (1) Starch Mixer 3 Bld 852A Filter Receiver, identified as unit 152-10; [326 IAC 6.5-1-2]
- (75) One (1) Starch Mixer 3 Bld 852A, identified as unit 152-11; [326 IAC 6.5-1-2]
- (76) One (1) FG Bulk Bag Bin Vent Bld 800, identified as unit FA-60582; [326 IAC 6.5-1-2]
- (77) One (1) Blending Bin identified as unit TF31901 venting through product recovery DC-31901, Bld 630, venting out stack 1; [326 IAC 6.5-1-2]
- (78) One (1) Base Bin identified as unit TF31902 venting through product recovery DC-31902, Bld 630, venting out stack 2; [326 IAC 6.5-1-2]
- (79) One (1) Product Bin identified as unit TF31991 venting through product recovery DC-31991, Bld 630, venting out stack 3; [326 IAC 6.5-1-2]
- (80) One (1) Surge Tank Bin identified as unit SH31913 venting through product recovery DC-31911, Bld 630, venting out stack 7; [326 IAC 6.5-1-2]
- (81) One (1) Bulk Bag Unload Bin with integral dust collector , identified as unit DC-31900, Bld 630, venting out stack 8; [326 IAC 6.5-1-2]
- (82) One (1) FBR exhaust through product recovery metal filters, Bld 630, identified as unit TR31912 venting out stack 5; [326 IAC 6.5-1-2]
- (83) One (1) starch dryer identified as unit T-1, constructed in 2005, with a maximum production rate of 300 lbs/hr, with emissions controlled by integral product collector/cyclone and duct collector and exhausting through T-1 stack; [326 IAC 6.5-1-2]
- (84) One (1) Line 1 South Packing Hopper, identified as unit 5549-22, constructed in 2006, with emissions controlled by integral product collector and exhausting through stack 5549-22. [326 IAC 6.5-1-2]

- (e) Combustion related activities including spaces heaters, process heaters, or boilers using natural gas-fired with heat input equal to or less than ten million (10,000,000) British thermal units per hour;[326 IAC 2-7-1(21)(G)(i)(AA)(aa)]
 - (1) One (1) process heater, Bld 630, natural gas fired, with maximum heat input capacity of 5.1 MMBtu/hr, identified as unit YX31914A, venting out stack 6.

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, TV 097-7714-00042, 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 and OES, 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]

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

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 and OES, within a reasonable time, any information that IDEM, OAQ and OES 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 and OES 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) the "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 April 15th of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES 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 and OES 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 and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and OES. IDEM, OAQ and OES 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, and OES 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
Office of Environmental Services phone: (317) 327-2234; fax: (317) 327-2274

- (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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES 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 and OES 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.
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.
- (h) Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.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, or OES 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, or OES 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, or OES 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 T097-7714-00042 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

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

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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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, or OES 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, or OES 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, or OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, or OES 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 OES 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

- (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, and OES 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 and OES 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 and OES 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][40 CFR 72]

- (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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES 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 in 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
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] [326 IAC 2-2-2] [326 IAC 2-3-2]

- (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 2-2-2 and 326 IAC 2-3-2.

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, and OES 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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, and OES 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, or OES 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 Advanced Source Modification Approval [326 IAC 2-7-5(16)] [326 IAC 2-7-10.5]

- (a) The requirements to obtain a source modification approval under 326 IAC 2-7-10.5 or a permit modification under 326 IAC 2-7-12 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.
- (b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

B.26 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 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 thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.2 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. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.3 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.4 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.5 Stack Height [326 IAC 1-7]

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

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

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

- (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 Accredited 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 Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

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

C.7 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, and OES if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

C.9 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. 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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.10 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.11 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.12 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 shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

within ninety (90) days after the date of issuance of this permit.

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

- (c) If the ERP is disapproved by IDEM, OAQ and OES, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAQ and OES 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.13 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.14 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;
- (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.15 Actions Related to Noncompliance Demonstrated by a Stack Test

- (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 and 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.16 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(a)(1), the Permittee shall submit by July 1 of each year 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES on or before the date it is due.

C.17 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 or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or OES 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.
- (c) If there is a reasonable possibility that a “project” (as defined in 326 IAC 2-2-1(qq) and 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a Clean Unit, which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and 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 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 326 IAC 2-3-1(II)) 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 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.
- (2) 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

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

- (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
Indianapolis, Indiana 46204-2251
- and
- Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221
- (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, and OES 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.

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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

- (f) If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C- General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1 (qq) and 326 IAC 2-3-1(II)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ and OES:
- (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 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 (c)(2) and (3) 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 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

- (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 and OES. The general public may request this information from the IDEM, OAQ and OES under 326 IAC 17.1.

Stratospheric Ozone Protection

C.19 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) One (1) natural gas-fired #1 Starch Flash Dryer, identified as unit 40-4, constructed in 1965 and modified in 1994, with a maximum heat input capacity of 30 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-4.
- (b) One (1) natural gas-fired #2 Starch Flash Dryer, identified as unit 40-3, constructed in 1967 and modified in 1994 and 1999, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-3.
- (c) One (1) natural gas-fired #3 Starch Flash Dryer, identified as unit 40-2, constructed in 1971, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-2.
- (d) One (1) natural gas-fired #4 Starch Flash Dryer, identified as unit 575-1, constructed in 1977, with a maximum heat input capacity of 43 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-1.
- (e) One (1) natural gas-fired #6 Starch Flash Dryer, identified as unit 575-3, constructed in 1993, a maximum heat input capacity of 40 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-3.
- (f) One (1) natural gas-fired #1 Spray Dryer, identified as unit 5549-1, constructed in 1993 and modified in 1998, a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-1.
- (g) One (1) natural gas-fired #2 Spray Dryer, identified as unit 5549-2, constructed in 1993 and modified in 1998, with a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-2.
- (h) One (1) natural gas-fired #5 Starch Flash Dryer, identified as unit 575-2, constructed in 1979 and replaced in 1995, with a maximum heat input capacity of 38 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-2.
- (i) One (1) natural gas-fired Feed Dryer, identified as unit 5502-1A, constructed in 1997, a maximum heat input capacity of 77 MMBtu/hr, with SO₂ emissions controlled by the 1st effect wash water system, and exhausting to the inlet of unit 5502-1D.
- (j) One (1) natural gas-fired Germ Dryer, identified as unit 5502-1B, constructed in 1997, a maximum heat input capacity of 20 MMBtu/hr, and exhausting to the inlet of unit 5502-1D.
- (k) One (1) natural gas-fired Gluten Dryer, identified as unit 5502-1C, constructed in 1997, a maximum heat input capacity of 32 MMBtu/hr, and exhausting to the inlet of unit 5502-1D.
- (l) One (1) natural gas-fired Regenerative Thermal Oxidizer, identified as unit 5502-1D, constructed in 1997, a maximum heat input capacity of 18 MMBtu/hr, used for particulate and opacity control, and exhausting to stack 5502-7.
- (m) Spray Agglomerator #3, identified as unit 5549-28, part of the agglomerator process listed in Section D.2, a maximum capacity of 25.0 MMBtu/hr with emissions controlled by a wet scrubber, and exhausting to stack 5549-28.

(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 Prevention of Significant Deterioration [326 IAC 2-2]

- (a) Pursuant to CP 097-00042-97-01, issued March 24, 1997, A 097-00042-98-01, issued April 15, 1998, and in order to render the requirements of 326 IAC 2-2 not applicable:
- (1) The combined input of corn grind to units 5502-1A, 5502-1B, 5502-1D, 5502-3 (Section D.2), 5502-4 (Section D.2), 5502-5 (Section D.2), 5502-6 (Section D.2), 5502-7 (Section D.2), 5503-1 (Section D.2), 5503-2 (Section D.2), 5503-3 (Section D.2), 5503-4 (Section D.2), 5503-5 (Section D.2) and 5503-6 (Section D.2) shall not exceed 29,584,000 bushels per twelve consecutive month period with compliance determined at the end of each month. The total emission rate shall not exceed 0.0030 lb PM/PM10 per bushel. Compliance with this limit is equivalent to total PM/PM10 emissions of less than or equal to 44.396 tons of per year.
 - (2) The combined input of starch for units 5549-1 and 5549-2 shall not exceed 22,500 tons per twelve consecutive month period with compliance determined at the end of each month and the total emission rate shall not exceed 2.50 lb PM/PM10 per ton of starch. Compliance with this limit is equivalent to total emissions of less than 28.11 tons of PM/PM10 per year.
 - (3) The SO₂ emissions from units 5502-1A, 5502-1B, 5502-1C, and 5502-1D, shall not exceed a total of 8.05 pounds per hour. Compliance with this limit is equivalent to total SO₂ emissions of less than or equal to 35.26 tons of per year.
 - (4) The combined input of natural gas to 5502-1A, 5502-1B, 5502-1C, and 5502-1D shall not exceed 1,851 million cubic feet (MMcf) per twelve consecutive month period with compliance determined at the end of each month. Compliance with this limit is equivalent to total NO_x emissions of less than or equal to 39 tons per year.
- (b) Pursuant to CP 097-00042-97-01, issued March 24, 1997, SSM 097-11362-00042, issued August 31, 1996, and in order to render the requirements of 326 IAC 2-2 not applicable, the following facilities are limited as indicated in the table below:

Unit/ Stack ID	PM/PM10 Limit (gr/dscf)	PM/PM10 Limit (lb/hr)	PM/PM10 Limit (ton/yr)
575-3	0.012	5.63	24.65
5549-1	0.02	--	--
5549-2	0.02	--	--
5549-28	0.025	9.64	42.24

- (c) Pursuant to M 097-00042-99-01, issued February 25, 1999, the total PM/PM10 emissions from stack 5502-7 (exhausting emissions from units 5502-1A through 5502-1D) shall not exceed 0.0114 gr/dscf, 4.53 lb/hr, and 19.856 tons per year. Compliance with this limit will render the requirements of 326 IAC 2-2 not applicable.
- (d) Pursuant to CP 097-00042-99-01, issued June 11, 1999, the starch produced from unit 40-3 shall not exceed 145,610 tons per twelve consecutive month period with compliance determined at the end of each month and the emission rate shall not exceed 0.581 lb PM/PM10 per ton of starch produced. Compliance with this limit is equivalent to

PM/PM10 emissions of less than or equal to 42.3 tons per year, will satisfy the requirements of 326 IAC 6.5-6-25, and render the requirements of 326 IAC 2-2 not applicable.

D.1.2 Particulate Matter [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2, the particulate matter emissions from 575-3, 5549-1, 5549-2, 5502-1A, 5502-1B, 5502-1C, 5502-1D, and 5549-28 shall not exceed 0.03 grain per dry standard cubic foot (gr/dscf).

Compliance with the respective particulate matter emission limits in Condition D.1.1 for 575-3, 5549-1, 5549-2, 5502-1A, 5502-1B, 5502-1C, 5502-1D, and 5549-28, will ensure compliance with the requirements of 326 IAC 6.5-1-2.

D.1.3 Particulate Matter [326 IAC 6.5-6-25]

(a) Facilities 40-4, 40-3, 40-2, 575-1, and 575-2 are limited as indicated in the table below:

Facility	PM Limit (gr/dscf)	PM Limit (ton/yr)
40-4	0.02	44.1
40-3	0.016	42.3
40-2	0.016	31.9
575-1	0.011	32.4
575-2	0.011	32.4

Compliance with these limits will satisfy the requirements of 326 IAC 6.5-6-25.

(b) Pursuant to CP 097-00042-95-02, issued March 8, 1995, the amount of dry product processed by unit 575-2 shall not exceed 123,300 tons per twelve month consecutive period with compliance determined at the end of each month. This limit is equivalent to PM emissions of less than or equal to 32.4 tons per year. Compliance with this limit will satisfy the requirements of 326 IAC 6.5-6-25.

D.1.4 Volatile Organic Compounds [326 IAC 8-1-6]

Pursuant to CP 097-00042-95-03, issued October 6, 1995, the amount of methanol emitting corn starch produced from unit 575-2 shall not exceed 11,995,200 pounds per twelve consecutive month period with compliance determined at the end of each month and the emission rate shall not exceed 0.0041 lb VOC per lb of starch. Compliance with this limit is equivalent to VOC emission of less than 25 tons per year and will render the requirements of 326 IAC 8-1-6 not applicable.

D.1.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.1.6 Particulate and Sulfur Dioxide Control

(a) In order to comply with Conditions D.1.1, and D.1.2, the RTO shall be in operation and control particulate emissions from units 5502-1A, 5502-1B, and 5502-1C at all times those units are in operation.

- (b) In order to comply with Condition D.1.1(a)(3), the 1st effect wash water system shall be in operation and control SO₂ emissions from unit 5502-1A at all times the unit is in operation.
- (c) In order to comply with Conditions D.1.1, D.1.2, and D.1.3, the scrubbers shall be in operation and control particulate emissions from units 40-4, 40-3, 40-2, 575-1, 575-3, 5549-1, 5549-2, 575-2, and 5549-28 at all times those units are in operation.

D.1.7 Testing Testing Requirements [326 IAC 2-1.1-11]

No later than five (5) years from January 11, 2006, in order to demonstrate compliance with Condition D.1.1, the Permittee shall perform SO₂ testing on emission unit 5502-1A, 5502-1B, 5502-1C and 5502-1D, utilizing methods as approved by the Commissioner. Testing shall be repeated every five (5) years and shall be conducted in accordance with Section C- Performance Testing.

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

D.1.8 Visible Emission Notations

- (a) Visible emission notations of exhaust from stacks 40-4, 40-3, 40-2, 575-1, 575-3, 5549-1, 5549-2, 575-2, 5502-7, and 5549-28 shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal. A notation of abnormal visible emissions is not a deviation from this permit.
- (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.
- (f) Visible emission notations of exhaust from stack 5502-7 are not required during scheduled, routine backout events involving the natural gas-fired Regenerative Thermal Oxidizer (RTO), or equivalent control device, used for particulate and opacity control, provided that the Permittee meets the following conditions:
 - (1) The Permittee notifies the OAQ and OES at least twenty-four (24) hours in advance of a bakeout event;
 - (2) The Permittee follows specific bakeout procedures outlined in the Preventive Maintenance Plan (PMP), thereby minimizing emissions during the backout event. Deviations from the procedures in the PMP during bakeout events will require that changes are made to the PMP;
 - (3) The Permittee completes bakeout events in an expeditious manner;
 - (4) The Permittee documents that bakeout event do not exceed three percent (3%) of the annual operating time of the RTO, or equivalent device; and

- (5) The Permittee keeps records of the date and duration of each bakeout event.

Provided that these conditions are met, the Permittee is allowed a temporary alternative opacity limitation during bakeout events such that opacity shall not exceed sixty percent (60%) for more than a cumulative total of 14 hours in any twenty-four (24) period.

D.1.9 Parametric Monitoring for Scrubbers, RTO and 1st Effect Wash Water System

- (a) The Permittee shall monitor the pH and flow rate of the liquid through the nozzles of the 1st effect wash water to the GHE at least once per week of the system used to control SO₂ emissions from unit 5502-1A. When for any one reading the pH of the liquid used in the 1st effect wash water is less than 6.5, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pH or flow rate reading that is outside the above mentioned ranges 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.
- (b) The Permittee shall monitor the exhaust air stream pressure drop across each scrubber, and each scrubber make-up rate at least once per week from the scrubbers controlling emissions from units 40-4, 40-3, 40-2, 575-1, 575-3, 5549-1, 5549-2, and 575-2. When, for any one reading, the pressure drop across the scrubber is outside the range in the table listed below, or a range established during the last stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. When, for any one reading, the make-up rate is less than the manufacturer's specifications, or a rate established during the most recent stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure drop or make-up rate reading that is outside ranges listed in the table below 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.

Unit #	Unit Name	Year installed or upgraded	Pressure Drop Range
40-4	#1 SFD Scrubber	1986	3" to 8"
40-3	#2 SFD Scrubber	1999	6" to 15"
40-2	#3 SFD Scrubber	1986	3" to 8"
575-1	#4 SFD Scrubber	1978 modified in plant	6" to 15"
575-2	#5 SFD Scrubber	1995	6" to 15"
575-3	#6 SFD Scrubber	1992	6" to 15"
5549-1	#1 SD Scrubber	1999	6" to 15"
5549-2	#2 SD Scrubber	1999	6" to 15"

- (c) The Permittee shall monitor the total static pressure drop across the scrubber at least once daily from the scrubber controlling emissions from unit 5549-28 when 5549-28 is in operation. When, for any one reading, the pressure drop across the scrubber is outside the normal range of 6.0 to 15.0 inches of water, or a range that indicates proper operation of the unit, 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.
- (d) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal oxidizer for measuring operating temperature. The output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever

the three (3) hour average temperature of the thermal oxidizer is below 1400°F. A three (3) hour average temperature that is below 1400°F 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.

- (e) The Permittee shall determine the three (3) hour average temperature from the most recent valid stack test that demonstrates compliance with limits in conditions D.1.1, D.1.2 and D.1.3, as approved by IDEM.
- (f) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever the three (3) hour average temperature of the thermal oxidizer is below the three (3) hour average temperature as observed during the compliant stack test. A three (3) hour average temperature that is below the three (3) hour average temperature as observed during the compliant stack test 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.
- (g) The instruments used for determining the pH, pressure drop, flow rate and temperature shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated, maintained, and operated according to the Preventive Maintenance Plan.

D.1.10 Scrubber Malfunction

In the event that a scrubber malfunction has been observed, the affected unit will be shut down immediately in accordance with safe operating procedures until the failed unit has been repaired or the appropriate components replaced.

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

D.1.11 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1(a)(1), the Permittee shall maintain monthly records of the combined input of corn grind for the units identified in Condition D.1.1(a)(1).
- (b) To document compliance with Conditions D.1.1(a)(2), the Permittee shall maintain monthly records of the combined input of starch for units 5549-1 and 5549-2.
- (c) To document compliance with Condition D.1.1(a)(4), the Permittee shall maintain monthly records of the total input of natural gas consumed by 5502-1A, 5502-1B, 5502-1C, and 5502-1D.
- (d) To document compliance with Condition D.1.1(d), the Permittee shall maintain monthly records of the amount of starch produced by unit 40-3.
- (e) To document compliance with Condition D.1.3(b), the Permittee shall maintain monthly records of the amount of dry product processed by unit 575-2.
- (f) To document compliance with Condition D.1.4, the Permittee shall maintain monthly records of the amount of methanol emitting corn starch produced and VOC-containing reagent from unit 575-2.
- (g) To document compliance with Condition D.1.8, the Permittee shall maintain records of the once per day visible emission notations of the stack exhaust.

- (h) To document compliance with Conditions D.1.1(a)(3) and D.1.9(a), the Permittee shall maintain weekly records of the pH and flow rate of the 1st effect wash water during normal operations.
- (i) To document compliance with Condition D.1.9(b), the Permittee shall maintain weekly records of the pressure drop across the scrubber and scrubber make-up rate during normal operation.
- (j) To document compliance with Condition D.1.9(c), the Permittee shall maintain daily records of the pressure drop across the scrubber during normal operation.
- (k) To document compliance with Condition D.1.9(d), the Permittee shall maintain continuous records (on a 3-hour average basis) for the RTO (unit 5502-1D) combustion chamber temperature during normal operations.
- (l) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.12 Reporting Requirements

Quarterly summaries of the information to document compliance with Conditions D.1.1, D.1.3 and D.1.4 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The reports submitted by the Permittee do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2

FACILITY OPERATION CONDITIONS

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

- (n) One (1) DSW Bulk Bag Filler, identified as unit 71-9, with emissions controlled by an integral baghouse, and exhausting to stack 71-9.
- (o) One (1) Chilsonator, identified as unit 5552-1, with emissions controlled by an integral baghouse, and exhausting to stack 5552-1.
- (p) One (1) Chilsonator Hopper, identified as unit 5552-2, with emissions controlled by an integral baghouse, and exhausting to stack 5552-2.
- (q) One (1) Truck Loadout Collector, identified as unit 5503-6, constructed in 1999, with emissions controlled by a baghouse, and exhausting to stack 5503-6.
- (r) One (1) Germ Bin, one (1) Pellet Bin #1, and one (1) Pellet Bin #2, identified as units 5503-2, 5503-3, and 5503-4 respectively, each constructed in 1997, with emissions controlled by a Loadout Dust Collection System, identified as 5503-5, and exhausting to stack 5503-2.
- (s) One (1) DSW Packing Fugitive Dust Collector, identified as unit 71-7, constructed in 1977, with emissions controlled by a baghouse, and exhausting to stack 71-7.
- (t) One (1) RSP North Packing Line, identified as unit 577-2, constructed in 1979 and modified in 2000, with emissions controlled by a baghouse, and exhausting to stack 577-2.
- (u) One (1) Gluten Receiver, identified as unit 5503-1, constructed in 1997, with emissions controlled by a baghouse, and exhausting to stack 5503-1.
- (v) One (1) Pellet Cooler and one (1) Germ Cooler, identified as units 5502-5 and 5502-6, respectively, each constructed in 1997, with emissions controlled by a high efficiency cyclone, and exhausting to stacks 5502-5 and 5502-6 respectively.
- (w) Two (2) Loose Feed Bins, collectively identified as unit 5502-4, constructed in 1997, with emissions controlled by a baghouse, and exhausting to stack 5502-4.
- (x) One (1) Hammer Mill, identified as unit 5502-3, constructed in 1997, with emissions controlled by a baghouse, and exhausting to stack 5502-3.
- (y) One (1) DSE Bag Slitter, identified as unit 42-10, constructed in 1987, with emissions controlled by a baghouse, and exhausting to stack 42-10.
- (z) One (1) P-6 Rework Station, identified as unit 54-1, constructed in 1987, with emissions controlled by a baghouse, and exhausting to stack 54-1.
- (aa) One (1) RSP Hopper #4, identified as unit 577-5, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-5.
- (bb) One (1) RSP Hopper #6, identified as unit 577-6, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-6.

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

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

- (cc) One (1) RSP Hopper #5, identified as unit 577-7, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-7.
- (dd) One (1) RSP Hopper #1, identified as unit 577-8 constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-8.
- (ee) One (1) RSP Hopper #2, identified as unit 577-9, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-9.
- (ff) One (1) RSP Hopper #3, identified as unit 577-10, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 577-10.
- (gg) One (1) Industrial Packer, identified as unit 71-1, constructed in 1994, with emissions controlled by a baghouse, and exhausting to stack 71-1.
- (hh) Two (2) Spray Dryer Product Receivers, identified as units 5549-3 and 5549-4, constructed in 1993, each with emissions controlled by an integral baghouse, and exhausting to stacks 5549-3 and 5549-4.
- (ii) One (1) #1 Spray Dryer Storage Hopper #1, identified as unit 5549-7, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 5549-7.
- (jj) One (1) #1 Spray Dryer Storage Hopper #2, identified as unit 5549-8, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 5549-8.
- (kk) One (1) #2 Spray Dryer Storage Hopper #3, identified as unit 5549-9, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 5549-9.
- (ll) One (1) #2 Spray Dryer Storage Hopper #4, identified as unit 5549-10, constructed in 1993, with emissions controlled by an integral baghouse, and exhausting to stack 5549-10.
- (mm) One (1) Agglomerator Feed Storage Bin, identified as unit 5549-12, constructed in 1995, with emissions controlled by an integral baghouse, and exhausting to stack 5549-12.
- (nn) One (1) Agglomerator, identified as unit 5549-13, constructed in 1995, with emissions controlled by a baghouse, and exhausting to stack 5549-13.
- (oo) One (1) Agglomerator Equipment Aspiration, identified as unit 5549-14, constructed in 1995, with emissions controlled by a baghouse, and exhausting to stack 5549-14.

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

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

- (pp) One (1) spray agglomeration process, constructed in 2000, consisting of the following units:
- (1) East Box Packer Filter Receiver, identified as unit 5549-16, with emissions controlled by an integral baghouse, and exhausting to stack 5549-16.
 - (2) West Box Packer Filter Receiver, identified as unit 5549-17, with emissions controlled by an integral baghouse, and exhausting to stack 5549-17.
 - (3) Line 1 Middle Packer, identified as unit 5549-18, with emissions controlled by an integral baghouse, and exhausting to stack 5549-18.
 - (4) Line 1 North Packer, identified as unit 5549-19, with emissions controlled by an integral baghouse, and exhausting to stack 5549-19.
 - (5) #2 Fugitive Dust Collector, identified as emission unit 5549-20, with emissions controlled by a baghouse, and exhausting to stack 5549-20.
 - (6) Line 1 Packing ambient D/C, identified as unit 5549-21, with emissions controlled by baghouse, and exhausting to stack 5549-21.
 - (7) Line 2 Packer, identified as unit 5549-26, with emissions controlled by an integral baghouse, and exhausting to stack 5549-26.
- (qq) One (1) West Corn Truck Dump, identified as unit 56-1, constructed before 1968 and modified in 1996, with emissions controlled by a baghouse, and exhausting to stack 56-1.

(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 Prevention of Significant Deterioration: PM and PM10 Limitations [326 IAC 2-2]

- (a) Pursuant to CP 097-0042-97-01, issued March 24, 1997, M 097-00042-99-01, issued February 25, 1999, MSM 097-11764-00042, issued March 10, 2000, and SSM 097-11362-00042, issued August 31, 2000, the following facilities are limited as indicated in the table below:

Unit/ Stack ID	PM/PM ₁₀ Limit (gr/dscf)	PM/PM ₁₀ Limit (lb/hr)	PM/PM ₁₀ Limit (ton/yr)
577-2	0.01	1.29	5.65
577-5	0.009	0.35	1.52
577-6	0.009	0.35	1.52
577-7	0.009	0.35	1.52
577-8	0.009	0.35	1.52
577-9	0.009	0.35	1.52
577-10	0.009	0.35	1.52
5549-3	0.01	0.15	0.64
5549-4	0.01	0.15	0.64

Unit/ Stack ID	PM/PM ₁₀ Limit (gr/dscf)	PM/PM ₁₀ Limit (lb/hr)	PM/PM ₁₀ Limit (ton/yr)
5549-7	0.01	0.039	0.17
5549-8	0.01	0.039	0.17
5549-9	0.01	0.039	0.17
5549-10	0.01	0.039	0.17
5549-12	0.01	0.13	0.57
5549-13	0.01	0.98	4.29
5549-14	0.01	0.24	1.07
5502-3	0.01	0.96	4.212
5502-4	0.01	0.016	0.069
5502-5	0.01	1.13	4.964
5503-1	0.01	1.53	6.69
5503-2 through 5503-5	0.01	0.99	3.11
5503-6 (stack 5503-6)	0.01	1.43	1.148
5502-6	0.01	0.99	4.349
5549-16	0.01	0.02	0.08
5549-17	0.01	0.04	0.15
5549-18	0.01	0.28	1.21
5549-19	0.01	0.24	1.04
5549-20	0.01	0.93	4.05
5549-21	0.01	1.2	5.27
5549-26	0.01	0.26	1.16
71-9	0.01	0.13	0.57
5552-1	0.01	0.03	0.13
5552-2	0.01	0.21	0.9

- (b) The combined input of corn grind to units 5502-1A (Section D.1), 5502-1B (Section D.1), 5502-1D (Section D.1), 5502-3, 5502-4, 5502-5, 5502-6, 5502-7, 5503-1, 5503-2, 5503-3, 5503-4, 5503-5, and 5503-6 shall not exceed 29,584,000 bushels per twelve consecutive month period with compliance determined at the end of each month. The total emission rate shall not exceed 0.0030 lb PM/PM10 per bushel. Compliance with this limit is equivalent to total PM/PM10 emissions of less than 44.396 tons per year.
- (c) The input of starch to unit 5549-13 shall not exceed 14,010 tons per twelve consecutive month period with compliance determined at the end of each month. The emission rate shall not exceed 0.61 lb PM/PM10 per ton of starch. Compliance with this limit is equivalent to PM/PM10 emissions of less than 4.29 tons per year.
- (d) Facility 5503-6 shall not operate more that 1,602 hours per twelve consecutive month period with compliance determined at the end of each month.

Compliance with these limits will render the requirements of 326 IAC 2-2 (Prevention Significant Deterioration) not applicable.

D.2.2 Particulate Matter [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2, the particulate matter emissions from facilities 71-7, 577-2, 54-1, 577-5 through 577-10, 5549-3, 5549-4, 5549-7 through 5549-10, 5549-12, 5549-13, 5549-14, 5502-3, 5502-4, 5502-5, 5502-6, 5503-1, 5503-2 through 5503-5, 5503-6, the spray agglomeration process (consisting of units 5549-16 through 5549-21, and 5549-26), 71-9, 5552-1, and 5552-2 shall not exceed 0.03 grain per dry standard cubic foot (gr/dscf).

Compliance with the limits in Condition D.2.1 for facilities 71-7, 577-2, 54-1, 577-5 through 577-10, 5549-3, 5549-4, 5549-7 through 5549-10, 5549-12, 5549-13, 5549-14, 5502-3, 5502-4, 5502-5, 5502-6, 5503-1, 5503-2 through 5503-5, 5503-6, the spray agglomeration process (consisting of units 5549-16 through 5549-21, and 5549-26), 71-9, 5552-1, and 5552-2 will ensure compliance with the requirements of 326 IAC 6.5-1-2.

D.2.3 Particulate Matter - Marion County [326 IAC 6.5-6-25]

- (a) Pursuant to 326 IAC 6.5-6-25, the particulate matter emissions from facility 42-10 shall not exceed 0.03 gr/dscf and 2.4 tons per year.
- (b) Pursuant to 326 IAC 6.5-6-25, the particulate matter emissions from facility 56-1 shall not exceed 0.02 gr/dscf and 7.02 tons per year.
- (c) Pursuant to 326 IAC 6.5-6-25, the particulate matter emissions from facility 71-1 shall not exceed 0.03 gr/dscf and 0.9 tons per year.

D.2.4 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 facilities 577-2, 577-5 through 577-10, 5549-3, 5549-4, 5549-7 through 5549-14, 5502-3, 5502-4, 5502-5, 5502-6, 5503-1, 5503-2 through 5503-5, 5503-6, 5549-16 through 5549-21, 5549-26, 71-9, 5552-1, and 5552-2 and their respective control devices.

Compliance Determination Requirements

D.2.5 Particulate Control

- (a) In order to comply with Conditions D.2.1, D.2.2, and D.2.3, the respective baghouses for particulate control, including those integral to the process, shall be in operation and control particulate emissions from the respective facilities listed in this section at all times those facilities are in operation.
- (b) In order to comply with Conditions D.2.1 and D.2.2, the high efficiency cyclones for particulate control shall be in operation and control particulate emissions from facilities 5502-5 and 5502-6 at all times the respective facilities are in operation.
- (c) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.2.6 Visible Emissions Notations

- (a) Visible emission notations of the exhaust from stacks 5549-3, 5549-4, 5503-6, and 5549-13 shall be performed once per day during normal daylight operations when the respective facilities are in operation. A trained employee shall record whether emissions are normal or abnormal. A notation of abnormal visible emissions is not a deviation from this permit.
- (b) Visible emission notations of the exhaust from stacks 71-9, 5552-1, 5552-2, 5503-2, 577-2, 5503-1, 5502-4, 5502-3, 577-5 through 577-10, 5549-7 through 5549-10, 5549-12, 5549-14, 5549-16 through 5549-21, and 5549-26 shall be performed once per day during normal daylight operations when the respective facilities are in operation. A trained employee shall record whether emissions are normal or abnormal.
- (c) 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.
- (d) 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.
- (e) 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.
- (f) 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.2.7 Parametric Monitoring for Baghouses

- (a) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with facilities 5503-6 and 5549-13 at least once per day when the respective facilities are in operation.
- (b) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with facilities 577-2, 5549-20, 5549-21, 5503-2, 5503-3, and 5503-4 at least once per day when the respective facilities are in operation.
- (c) When, for any one reading, the pressure drop across the baghouses are outside the normal range of 1.0 to 8.0 inches of water or a range established during the last stack test, the Permittee shall take reasonable response steps in accordance with Section C - 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 - Section C- Response to Excursions or Exceedances shall be considered a deviation from this permit.
- (d) The instrument used for measuring the pressure drop shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated, maintained, and operated according to the Preventive Maintenance Plan.

D.2.8 Broken or Failed Bag Detection

- (a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed units 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 line. 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 pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

D.2.9 Cyclone Failure Detection

In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have 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). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, 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.2.1(c), the Permittee shall maintain monthly records of the input of starch for unit 5549-13.
- (b) To document compliance with Condition D.2.1(d), the Permittee shall maintain records of the operating schedule for facility 5503-6.
- (c) To document compliance with Condition D.2.6, the Permittee shall maintain records of the once per day visible emission notations of the stack exhaust.
- (d) To document compliance with Condition D.2.7, the Permittee shall maintain records once per day of the total static pressure drop during normal operation.
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

The records used to document compliance with Conditions D.1.1 are sufficient to document compliance with Conditions D.2.1(b) and D.2.1(c).

D.2.11 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.2.1(c), (b), and (d) shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Specifically Regulated Insignificant Activities

(a) Grinding and machining operations controlled with fabric filters with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations: [326 IAC 2-7-1(21)(G)(xxiii)]

- (1) One (1) DSE Hopper #9, identified as unit 42-3A; [326 IAC 6.5-6-25]
- (2) One (1) DSE Hopper #10, identified as unit 42-3B; [326 IAC 6.5-6-25]
- (3) One (1) DSE Hopper #11, identified as unit 42-3C; [326 IAC 6.5-6-25]
- (4) One (1) DSE Hopper #12, identified as unit 42-3D; [326 IAC 6.5-6-25]
- (5) One (1) DSE Hopper #13, identified as unit 42-3E; [326 IAC 6.5-6-25]
- (6) One (1) DSE Hopper #14, identified as unit 42-3F; [326 IAC 6.5-6-25]
- (7) One (1) DSE Hopper #2, identified as unit 42-7A; [326 IAC 6.5-6-25]
- (8) One (1) DSE Hopper #4, identified as unit 42-7B; [326 IAC 6.5-6-25]
- (9) One (1) DSE Hopper #6, identified as unit 42-7C; [326 IAC 6.5-6-25]
- (10) One (1) DSE Hopper #1, identified as unit 42-8A; [326 IAC 6.5-1-2]
- (11) One (1) DSE Hopper #3, identified as unit 42-8B; [326 IAC 6.5-1-2]
- (12) One (1) DSE Hopper #5, identified as unit 42-8C; [326 IAC 6.5-1-2]
- (13) One (1) DSE Hopper #7, identified as unit 42-8D; [326 IAC 6.5-1-2]
- (14) One (1) CWS #8 Mill Receiver; identified as unit 63-1A; [326 IAC 6.5-1-2]
- (15) One (1) CWS Entoleter Mill; identified as unit 63-17; [326 IAC 6.5-1-2]

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

Facility Description [326 IAC 2-7-5(15)]: Specifically Regulated Insignificant Activities

- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6: operations M1 through M4 and RSP shop. [326 IAC 3-7-1(21)(G)(vi)(CC)][326 IAC 8-3-3]
- (c) Paved and unpaved roads and parking lots with public access. [326 IAC 2-7-1(21)(g)(xiii)][326 IAC 6-4]
- (d) Emission units or activities with potential uncontrolled PM10 emissions of less than 5 pounds per hour or 25 pounds per day: [326 IAC 2-7-1(21)(B)]
 - (1) One (1) 152-1 Filter Receiver; [326 IAC 6.5-1-2]
 - (2) One (1) 152-2 Mixer baghouse; [326 IAC 6.5-1-2]
 - (3) One (1) 152-3 Starch Cooler Filter Receiver Bld 852; [326 IAC 6.5-1-2]
 - (4) One (1) 152-4 Starch Mixer 2 Filter/Receiver Bld 852A; [326 IAC 6.5-1-2]
 - (5) One (1) 152-5 Starch Mixer 2 Bld 852A; [326 IAC 6.5-1-2]
 - (6) One (1) 152-6 Starch Storage Hopper; [326 IAC 6.5-1-2]
 - (7) One (1) 128-3 Starch Hopper D/C; [326 IAC 6.5-1-2]
 - (8) One (1) DSW Chemical Blender Bag Slitter, identified as unit 61-15; [326 IAC 6.5-1-2]
 - (9) One (1) DSE Hopper #8, identified as unit 42-4; [326 IAC 6.5-6-25]
 - (10) One (1) Dextrin #1 System Cooler Conveyor, identified as unit 61-3; [326 IAC 6.5-1-2]
 - (11) One (1) Dextrin Flash Dryer, identified as unit 61-9; [326 IAC 6.5-6-25]
 - (12) One (1) Dextrin #3 System Cooler, identified as unit 61-22; [326 IAC 6.5-1-2]
 - (13) One (1) Dextrin #2 System Cooler Conveyor, identified as unit 61-23; [326 IAC 6.5-1-2]
 - (14) One (1) CWS South Conveying, identified as unit 63-4; [326 IAC 6.5-1-2]
 - (15) One (1) CWS North Conveying, identified as unit 63-5; [326 IAC 6.5-1-2]
 - (16) One (1) DSE North Packer, identified as unit 42-1; [326 IAC 6.5-6-25]
 - (17) One (1) DSE South Packer, identified as unit 42-9; [326 IAC 6.5-1-2]
 - (18) One (1) sodium sulfate conveying system, identified as unit 40-1; [326 IAC 6.5-1-2]
 - (19) One (1) DSE Negative Receiver, identified as unit 42-6; [326 IAC 6.5-6-25]
 - (20) One (1) DSE Railcar Loading - East Track, identified as unit 42-11; [326 IAC 6.5-1-2]
 - (21) One (1) DSE Railcar Loading - West Track, identified as unit 42-12; [326 IAC 6.5-1-2]

Facility Description [326 IAC 2-7-5(15)]: Specifically Regulated Insignificant Activities

- (22) One (1) Dextrin #1 System Mixer, identified as unit 61-1; [326 IAC 6.5-1-2]
- (23) One (1) Dextrin #1 System Cookers, identified as unit 61-2; [326 IAC 6.5-1-2]
- (24) One (1) Dextrin #2 System Mixer, identified as unit 61-6; [326 IAC 6.5-6-25]
- (25) Two (2) Dextrin #2 System East and West Tanks, identified as unit 61-7; [326 IAC 6.5-1-2]
- (26) One (1) Starch Storage Silo #3 Receiver, identified as unit 61-11; [326 IAC 6.5-1-2]
- (27) One (1) Starch Storage Silo #1 Receiver, identified as unit 61-12; [326 IAC 6.5-1-2]
- (28) One (1) Starch Storage Silo #1, identified as unit 61-13; [326 IAC 6.5-1-2]
- (29) One (1) Dextrin #1 System Packer, identified as unit 61-14; [326 IAC 6.5-6-25]
- (30) One (1) DSW Chemical Blender Tank; identified as unit 61-14A; [326 IAC 6.5-6-25]
- (31) One (1) Dextrin System Acidifiers; identified as unit 61-16; [326 IAC 6.5-1-2]
- (32) One (1) Dextrin #2 System Cooler; identified as unit 61-18; [326 IAC 6.5-1-2]
- (33) One (1) Dextrin #3 System Cookers; identified as unit 61-19; [326 IAC 6.5-1-2]
- (34) One (1) Starch Storage Silo #2; identified as unit 61-20; [326 IAC 6.5-1-2]
- (35) One (1) Starch Storage Silo #2 Receiver; identified as unit 61-21; [326 IAC 6.5-1-2]
- (36) One (1) Dextrin #3 System Mixer; identified as unit 61-24; [326 IAC 6.5-1-2]
- (37) One (1) Dextrin #3 System West Tank; identified as unit 61-25; [326 IAC 6.5-1-2]
- (38) One (1) Dextrin #3 System East Tank; identified as unit 61-26; [326 IAC 6.5-1-2]
- (39) One (1) Grain Elevator, identified as unit 56-2; [326 IAC 6.5-6-25]
- (40) One (1) CWS #7 Dryer Receiver; identified as unit 63-3; [326 IAC 6.5-1-2]
- (41) One (1) CWS Packer; identified as unit 63-9; [326 IAC 6.5-1-2]
- (42) One (1) Liquid Glue Bag Dump; identified as unit 63-12; [326 IAC 6.5-1-2]
- (43) One (1) CWS #9 and #10 Dryers Receiver; identified as unit 63-15; [326 IAC 6.5-1-2]
- (44) One (1) CWS #11, #12, and #13 Dryers; identified as unit 63-16; [326 IAC 6.5-1-2]
- (45) One (1) Starch Hopper D/C, identified as unit 128-3; [326 IAC 6.5-1-2]
- (46) One (1) CWS South Raw Material Dump; identified as unit 63-18; [326 IAC 6.5-1-2]

Facility Description [326 IAC 2-7-5(15)]: Specifically Regulated Insignificant Activities

- (47) One (1) DSW Negative Receiver; identified as unit 63-20; [326 IAC 6.5-1-2]
- (48) Two (2) DSW Hoppers #17 and #18; identified as unit 71-2; [326 IAC 6.5-6-25]
- (49) One (1) Dextrin Packer; identified as unit 71-3; [326 IAC 6.5-1-2]
- (50) One (1) DSW Hopper #13, identified as unit 71-4A; [326 IAC 6.5-6-25]
- (51) One (1) DSW Hopper #1; identified as unit 71-5A; [326 IAC 6.5-6-25]
- (52) One (1) DSW Hopper #2; identified as unit 71-5B; [326 IAC 6.5-6-25]
- (53) One (1) DSW Hopper #3; identified as unit 71-5C; [326 IAC 6.5-6-25]
- (54) One (1) DSW Hopper #4; identified as unit 71-5D; [326 IAC 6.5-6-25]
- (55) One (1) DSW Hopper #5; identified as unit 71-5E; [326 IAC 6.5-6-25]
- (56) One (1) DSW Hopper #6; identified as unit 71-5F; [326 IAC 6.5-6-25]
- (57) One (1) DSW Hopper #7; identified as unit 71-5G; [326 IAC 6.5-6-25]
- (58) One (1) DSW Hopper #8; identified as unit 71-5H; [326 IAC 6.5-6-25]
- (59) One (1) DSW Hopper #9; identified as unit 71-5I; [326 IAC 6.5-6-25]
- (60) One (1) DSW Hopper #10; identified as unit 71-5J; [326 IAC 6.5-6-25]
- (61) One (1) DSW Hopper #11; identified as unit 71-5K; [326 IAC 6.5-6-25]
- (62) One (1) DSW Hopper #12; identified as unit 71-5L; [326 IAC 6.5-6-25]
- (63) One (1) DSW Bulk Car Loading; identified as unit 71-8; [326 IAC 6.5-1-2]
- (64) One (1) RSP Bulk Bag Packing; identified as unit 577-1; [326 IAC 6.5-1-2]
- (65) One (1) RSP Bulk Loading System A; identified as unit 577-4; [326 IAC 6.5-1-2]
- (66) One (1) RSP Bulk Loading Fugitive Dust Collector; identified as unit 577-4A; [326 IAC 6.5-1-2]
- (67) One (1) CWS Packing Hopper; identified as unit 578-2; [326 IAC 6.5-1-2]
- (68) One (1) CWS Milling System, identified as unit 578-3; [326 IAC 6.5-1-2]
- (69) One (1) CATO Cooling and Conveying, identified as unit 581-2; [326 IAC 6.5-1-2]
- (70) One (1) RSP South Packing Line, identified as unit 577-3; [326 IAC 6.5-1-2]
- (71) One (1) Starch Filter/Receiver 2 Bld 852, identified as unit 152-7; [326 IAC 6.5-1-2]
- (72) One (1) Starch Mixer 4 Bld 852A Filter Receiver, identified as unit 152-8; [326 IAC 6.5-1-2]

- (73) One (1) Starch Mixer 4 Bld 852A, identified as unit 152-9; [326 IAC 6.5-1-2]
- (74) One (1) Starch Mixer 3 Bld 852A Filter Receiver, identified as unit 152-10; [326 IAC 6.5-1-2]
- (75) One (1) Starch Mixer 3 Bld 852A, identified as unit 152-11; [326 IAC 6.5-1-2]
- (76) One (1) FG Bulk Bag Bin Vent Bld 800, identified as unit FA-60582; [326 IAC 6.5-1-2]
- (77) One (1) Blending Bin identified as unit TF31901 venting through product recovery DC-31901, Bld 630, venting out stack 1; [326 IAC 6.5-1-2]
- (78) One (1) Base Bin identified as unit TF31902 venting through product recovery DC-31902, Bld 630, venting out stack 2; [326 IAC 6.5-1-2]
- (79) One (1) Product Bin identified as unit TF31991 venting through product recovery DC-31991, Bld 630, venting out stack 3; [326 IAC 6.5-1-2]
- (80) One (1) Surge Tank Bin identified as unit SH31913 venting through product recovery DC-31911, Bld 630, venting out stack 7; [326 IAC 6.5-1-2]
- (81) One (1) Bulk Bag Unload Bin with integral dust collector , identified as unit DC-31900, Bld 630, venting out stack 8; [326 IAC 6.5-1-2]
- (82) One (1) FBR exhaust through product recovery metal filters, Bld 630, identified as unit TR31912 venting out stack 5; [326 IAC 6.5-1-2]
- (83) One (1) starch dryer identified as unit T-1, constructed in 2005, with a maximum production rate of 300 lbs/hr, with emissions controlled by integral product collector/cyclone and duct collector and exhausting through T-1 stack; [326 IAC 6.5-1-2]
- (84) One (1) Line 1 South Packing Hopper, identified as unit 5549-22, constructed in 2006, with emissions controlled by integral product collector and exhausting through stack 5549-22. [326 IAC 6.5-1-2]

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

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

D.3.1 Particulate Matter [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2, the particulate matter emissions from all insignificant activities listed above which have a potential to emit PM, and are not subject to the requirements of 326 IAC 6.5-6-25, shall not exceed 0.03 grain per dry standard cubic foot (gr/dscf).

D.3.2 Particulate Matter - Marion County [326 IAC 6.5-6-25]

Pursuant to 326 IAC 6.5-6-25, the following insignificant activities are limited as indicated in the table below:

Facility	PM Limit (gr/dscf)	PM Limit (ton/yr)
56-2	0.01	11.3
71-2	0.03	2.6
61-6	0.03	0.1
61-14A	0.029	0.6
61-14	0.028	1.2
42-4	0.029	2.3
61-9	0.016	4.1
42-1	0.03	0.9
42-6	0.03	2.5
42-8	0.03	4.2
42-7A	0.032	1.7
42-7B	0.032	1.7
42-7C	0.032	1.7
42-3A	0.032	1.8
42-3B	0.032	1.8
42-3C	0.032	1.8
42-3D	0.032	1.8
42-3E	0.032	1.8
42-3F	0.032	1.8
71-4A	0.03	0.3
71-5A	0.026	0.3
71-5B	0.026	0.3
71-5C	0.026	0.3
71-5D	0.026	0.3
71-5E	0.026	0.3
71-5F	0.026	0.3
71-5G	0.026	0.3
71-5H	0.026	0.3
71-5I	0.026	0.3
71-5J	0.026	0.3
71-5K	0.026	0.3
71-5L	0.026	0.3

D.3.3 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations) for cold cleaning degreasing 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; and
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.3.4 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility, construction of which commenced after July 1, 1990, shall ensure that the following control equipment requirements are met:
 - (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
 - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38^oC) (one hundred degrees Fahrenheit (100^oF));
 - (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^oC) (one hundred degrees Fahrenheit (100^oF)), 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^oC) (one hundred degrees Fahrenheit (100^oF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^oC) (one hundred twenty degrees Fahrenheit (120^oF)):

- (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

Compliance Determination Requirements

D.3.5 Particulate Control

In order to comply with Conditions D.3.1 and D.3.2, the baghouses for particulate control, including those integral to the process, shall be in operation and control particulate emissions from all facilities listed in this section at all times those respective facilities are in operation.

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

and

**City of Indianapolis
Office of Environmental Services**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042

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
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178 Fax: 317-233-6865**

and

City of Indianapolis Office of Environmental Services

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042

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

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

A certification is not required for this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
Compliance Data Section
and
City of Indianapolis
Office of Environmental Services**

Part 70 Quarterly Report

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042
Facilities: 5502-1A, 5502-1B, 5502-1D, 5502-3, 5502-4, 5502-5, 5502-6, 5502-7, 5503-1, 5503-2, 5503-3, 5503-4, and 5503-5
Parameter: Combined input of corn grind
Limit: 29,584,000 bushels per twelve consecutive month period with compliance determined at the end of each month

YEAR:

Month	Corn grind (bushels)	Corn grind (bushels)	Corn grind (bushels)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.
Deviation has been reported on:

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

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
Compliance Data Section
and
City of Indianapolis
Office of Environmental Services**

Part 70 Quarterly Report

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042
Facilities: 5549-1 and 5549-2
Parameter: Combined input of starch
Limit: 22,500 tons per twelve consecutive month period with compliance determined at the end of each month

YEAR:

Month	Starch (tons)	Starch (tons)	Starch (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

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

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
Compliance Data Section
and
City of Indianapolis
Office of Environmental Services**

Part 70 Quarterly Report

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042
Facilities: 5502-1A, 5502-1B, 5502-1C, and 5502-1D
Parameter: Total natural gas usage
Limit: The combined input of natural gas to 5502-1A, 5502-1B, 5502-1C, and 5502-1D shall not exceed 1,851 million cubic feet (MMcf) per twelve consecutive month period with compliance determined at the end of each month. Compliance with this limit is equivalent to total NO_x emissions of less than or equal to 39 tons per twelve consecutive month period.

YEAR:

Month	Natural Gas (MMscf)	Natural Gas (MMscf)	Natural Gas (MMscf)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

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

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

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
Compliance Data Section
and
City of Indianapolis
Office of Environmental Services**

Part 70 Quarterly Report

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042
Facilities: 5549-13
Parameter: Input of starch
Limit: 14,010 tons per twelve consecutive month period with compliance determined at the end of each month

YEAR:

Month	Starch (tons)	Starch (tons)	Starch (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

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

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
Compliance Data Section
and
City of Indianapolis
Office of Environmental Services**

Part 70 Quarterly Report

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042
Facility: 575-2
Parameter: Amount of dry product processed
Limit: 123,300 tons per hour per twelve consecutive month period with compliance determined at the end of each month

YEAR:

Month	Dry product (tons)	Dry product (tons)	Dry product (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.

Deviation has been reported on:

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

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
Compliance Data Section
and
City of Indianapolis
Office of Environmental Services**

Part 70 Quarterly Report

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042
Facility: 40-3
Parameter: Amount of starch produced
Limit: 145,610 tons per twelve consecutive month period with compliance determined at the end of each month.

YEAR:

Month	Starch produced (tons)	Starch produced (tons)	Starch produced (tons)
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.
Deviation has been reported on:

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

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR QUALITY
 Compliance Data Section
 and
 City of Indianapolis
 Office of Environmental Services**

Part 70 Quarterly Report

Source Name: National Starch and Chemical Company
 Source Address: 1515 South Drover Street, Indianapolis, IN 46221
 Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
 Part 70 Permit No.: T097-7714-00042
 Facility: 575-2
 Parameter: Amounts of methanol emitting corn starch and VOC-containing reagent
 Limit: 11,995,200 pounds per twelve consecutive month period with compliance determined at the end of each month and less than 0.0041 lb VOC per lb of starch produced

YEAR:

Month	Starch (lb)	VOC reagent (lb)	Starch (lb)	VOC reagent (lb)	Starch (lb)	VOC reagent (lb)
	This Month	This month	Previous 11 Months	Previous 11 Months	12 Month Total	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
and
City of Indianapolis
Office of Environmental Services**

Part 70 Quarterly Report

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042
Facility: 5503-6
Parameter: Hours of operation
Limit: Facility 5503-6 shall not operate more that 1,602 hours per twelve consecutive month period with compliance determined at the end of each month.

YEAR:

Month	Operating hours	Operating hours	Operating hours
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.
Deviation has been reported on:

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

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
Compliance Data Section
and
City of Indianapolis
Office of Environmental Services**

**PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: National Starch and Chemical Company
Source Address: 1515 South Drover Street, Indianapolis, IN 46221
Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
Part 70 Permit No.: T097-7714-00042

Months: _____ to _____ Year: _____

Page 1 of 2

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
and
City of Indianapolis
Office of Environmental Services**

**Addendum to the Technical Support Document
for a Significant Permit Modification to a Part 70 Permit**

Source Name:	National Starch and Chemical Company
Source Location:	1515 South Drover Street, Indianapolis, IN 46221
County:	Marion County
SIC Code:	2046
Operation Permit No.:	T097-7714-00042
Operating Permit Issuance Date:	April 14, 2004
Significant Permit Modification No.:	097-20891-00042
Permit Reviewer:	Anh-tuan Nguyen

On October 4, 2006, the Office of Air Quality (OAQ) and the Office of Environmental Services (OES) had a notice published in the Indianapolis Star, Indianapolis, Indiana, stating that National Starch and Chemical Company had applied for a Significant Permit Modification to a Part 70 Operating Permit. The modification includes to the addition of two (2) insignificant activities, corrections to descriptive information, and significant changes to the D Sections including replacing the pollution control equipment from an SO₂ scrubber to a 1st effect wash system on emission unit 5502-1A, removing pollution control requirement on emission units 5502-1B and 5502-1C, reducing frequency in parametric monitoring and adjusting pressure drop ranges on pollution control devices. The notice also stated that OAQ and OES proposed to issue a permit 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 October 30, 2006, National Starch and Chemical Company submitted comments on the draft Significant Permit Modification to the Part 70 Permit. Upon further review, the OAQ and OES have decided to make the following revisions to the Significant Permit Modification to a Part 70 Permit. The TSD will remain as it originally appeared when published. Changes to the permit or technical support material that occur after the permit has published for 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. Bolded language has been added and the language with ~~strikeout~~ has been deleted.

The comment and response, including changes to the permit, are as follows:

Comment 1:

National Starch and Chemical Company request corrections to permit conditions relating to emission units 5503-2, 5503-3, 5503-4 and the baghouse 5503-5. These units share a common baghouse and exhaust to stack 5503-2. While the technical description was corrected, the Compliance Monitoring Requirements were not corrected. National Starch request the following changes:

D.2.6 Visible Emissions Notations

-
- (a) Visible emission notations of the exhaust from stacks 5549-3, 5549-4, ~~5503-5~~, 5503-6, and 5549-13 shall be performed once per day during normal daylight operations when the respective facilities are in operation. A trained employee shall record whether

emissions are normal or abnormal. A notation of abnormal visible emissions is not a deviation from this permit.

- (b) Visible emission notations of the exhaust from stacks 71-9, 5552-1, 5552-2, 5503-2, ~~5503-3, 5503-4~~, 577-2, 5503-1, 5502-4, 5502-3, 577-5 through 577-10, 5549-7 through 5549-10, 5549-12, 5549-14, 5549-16 through 5549-21, and 5549-26 shall be performed once per day during normal daylight operations when the respective facilities are in operation. A trained employee shall record whether emissions are normal or abnormal.

...

D.2.7 Parametric Monitoring for Baghouses

- (a) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with facilities 5503-5, 5503-6, and 5549-13 at least once per day when the respective facilities are in operation.
- (b) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with facilities 577-2, 5549-20, **and** 5549-21, ~~5503-2, 5503-3, and 5503-4~~ at least once per day when the respective facilities are in operation.

...

Response 1:

Emission units 5503-2, 5503-3, and 5503-4 are controlled by a common baghouse identified as 5503-5 and exhausting through a stack identified as 5503-2. The facility description does not clearly identify this. Since emission units 5503-2, 5503-3, and 5503-4 share a common baghouse and exhaust, the requested change will not reduce compliance monitoring. The facility descriptions listed in A.2(r) and D.2 and permit conditions D.2.6 and D.2.7 has been changed as follows:

- (r) ~~One (1) Germ Bin, one (1) Pellet Bin #1, one (1) Pellet Bin #2, and one (1) Loadout Dust Collection System, identified as units 5503-2, 5503-3, 5503-4, and 5503-5, respectively, each constructed in 1997, with emissions controlled by a baghouse, and exhausting to stack 5503-2.~~
One (1) Germ Bin, one (1) Pellet Bin #1, and one (1) Pellet Bin #2, identified as units 5503-2, 5503-3, and 5503-4 respectively, each constructed in 1997, with emissions controlled by a Loadout Dust Collection System, identified as 5503-5, and exhausting to stack 5503-2.

D.2.6 Visible Emissions Notations

- (a) Visible emission notations of the exhaust from stacks 5549-3, 5549-4, ~~5503-5~~, 5503-6, and 5549-13 shall be performed once per day during normal daylight operations when the respective facilities are in operation. A trained employee shall record whether emissions are normal or abnormal. A notation of abnormal visible emissions is not a deviation from this permit.
- (b) Visible emission notations of the exhaust from stacks 71-9, 5552-1, 5552-2, 5503-2, ~~5503-3, 5503-4~~, 577-2, 5503-1, 5502-4, 5502-3, 577-5 through 577-10, 5549-7 through 5549-10, 5549-12, 5549-14, 5549-16 through 5549-21, and 5549-26 shall be performed once per day during normal daylight operations when the respective facilities are in operation. A trained employee shall record whether emissions are normal or abnormal.

...

D.2.7 Parametric Monitoring for Baghouses

- (a) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with facilities ~~5503-5~~, 5503-6, and 5549-13 at least once per day when the respective facilities are in operation.

- (b) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with facilities 577-2, 5549-20, 5549-21, 5503-2, 5503-3, and 5503-4 at least once per day when the respective facilities are in operation.

...

Comment 2:

There is a transposed statement with the two new insignificant emission units T-1 and 5549-22. National Starch and Chemical Company request the facility descriptions be changed as follows:

- (83) One (1) starch dryer identified as unit T-1, constructed in 2005, **with a maximum production rate of 300 lbs/hr**, with emissions controlled by integral product collector/cyclone and duct collector and exhausting through T-1 stack; [326 IAC 6.5-1-2]
- (84) One (1) Line 1 South Packing Hopper, identified as unit 5549-22, ~~with a maximum production rate of 300 lbs/hr~~, constructed in 2006, with emissions controlled by integral product collector and exhausting through stack 5549-22. [326 IAC 6.5-1-2]

Response 2:

Upon further review, OAQ and OES agree since this change is descriptive only and does not affect the PTE. The facility description listed in Section A.3(d) and D.3 has been changed.

Comment 3:

Our final comment is on the Technical Support Document under Enforcement Issues. While National Starch is working with OES and IDEM related to previously unknown emissions not included in our original Title V application, we are not aware of any enforcement action related to these corrections. We have cooperated with both agencies on this matter and a correction to our Part 70 permit has been requested. We are requesting this reference be modified to reflect this. We suggest the following change to the statement under the section Enforcement Issues in the Technical Support Document (TSD):

IDEM and OES are aware that there is a pending ~~enforcement action~~ **permit changes** relating to emissions ~~units not identified~~ **known** in the initial Part 70 permit. IDEM and OES are reviewing this matter and will take the appropriate action.

Response 3:

According to the Notice of Violation (NOV) issued by the Office of Environmental Services (OES) on January 6, 2006, National Starch and Chemical Company failed to operate the scrubber controlling SO₂ emissions from 5502-1A, 5502-1B, and 5502-1C from July 23, 2004, through July 26, 2004. This significant permit modification (097-20891-00042) will replace the SO₂ scrubber with a 1st effects wash system and no longer require pollution control equipment on emission units 5502-1B, and 5502-1C. However, this violation occurred prior to the issuance of this significant permit modification and the NOV has not been resolved. Therefore the statement in the TSD under the Enforcement Issues section is accurate. No changes will be made.

**Indiana Department of Environmental Management
Office of Air Quality
and
Indianapolis Office of Environmental Services**

Technical Support Document (TSD) for a
Part 70 Minor Source Modification and Significant Permit Modification.

Source Description and Location

Source Name:	National Starch and Chemical Company
Source Location:	1515 South Drover Street, Indianapolis, IN 46221
County:	Marion County
SIC Code:	2046
Operation Permit No.:	T097-7714-00042
Operation Permit Issuance Date:	April 14, 2004
Minor Source Modification No.:	097-23599-00042
Significant Permit Modification No.:	097-20891-00042
Permit Reviewer:	Linda Quigley/EVP

Existing Approvals

The source was issued Part 70 Operating Permit No. 097-7714-00042 on April 14, 2004. There have been no other approvals issued to this source.

County Attainment Status

The source is located in Marion County.

Pollutant	Status
PM-2.5	non-attainment
PM-10	attainment
SO ₂	maintenance attainment
NO ₂	attainment
8-hour Ozone	basic non-attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Marion County has been designated as nonattainment for the 8-hour ozone standard. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3.
- (b) Marion County has been classified as nonattainment for PM_{2.5} in 70 FR 943 dated January 5, 2005. Until U.S. EPA adopts specific New Source Review rules for PM_{2.5} emissions, it has directed states to regulate PM₁₀ emissions as a surrogate for PM_{2.5} emissions pursuant to the requirements of Emission Offset, 326 IAC 2-3.

- (c) Marion County has been classified as attainment or unclassifiable for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (d) Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.
- (e) On August 7, 2006, a temporary emergency rule took effect revoking the one-hour ozone standard in Indiana. The Indiana Air Pollution Control Board has approved a permanent rule revision to incorporate this change into 326 IAC 1-4-1. A permanent revision to 326 IAC 1-4-1 will take effect prior to the expiration of the emergency rule.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2003 Office of air Quality (OAQ) and Indianapolis Office of Environmental Services (OES) emission data.

Pollutant	Actual Emissions (tons/year)
PM2.5	80
PM10	101
SO ₂	9
VOC	6
CO	28
NO _x	63
HAP	Not reported

Description of Proposed Modification

The OAQ and OES has reviewed a modification application, submitted by National Starch and Chemical Company on March 1, 2005, relating to the addition of two (2) insignificant activities, corrections to descriptive information, and significant changes to Section D.1 as outlined below.

- (a) National Starch and Chemical Company requests to change the requirement to operate an SO₂ scrubber controlling SO₂ emissions from the Feed Dryer (unit 5502-1A), the Germ Dryer (unit 5502-1B) and the Gluten Dryer (unit 5502-1C) to a requirement to operate a 1st effect wash water system for controlling SO₂ emissions from the Feed Dryer (unit 5502-1A). Based on information submitted by the Permittee, the germ and gluten dryers can operate and have SO₂ emissions below permit limits without benefit of control.

On January 11, 2006, National Starch and Chemical Company conducted a stack test, witnessed by the City of Indianapolis Office of Environmental Services (OES), on the dryers' combined exhaust to demonstrate control of SO₂ by adding caustic to the 1st effect wash water system. With control of pH of the water to 6.5, results show SO₂ control to the same level achieved using the SO₂ scrubber (3.44 lb/hr), less than the permit limit of 8.05 lb/hr.

National Starch and Chemical Company requests to modify the permit to require operating the 1st effect wash water system at a pH of 6.5 or greater and a flow rate of 300 gpm, when the Feed Dryer (unit 5502-1A) is operating. National Starch and Chemical Company would no longer use the scrubber to control SO₂ emissions. In order to demonstrate compliance, the following is proposed:

1. Provide computer programming to interlock the Feed Dryer so the feed screws cannot operate without the 1st effect wash water system at a pH level of 6.5 or greater and total flow rate of 300 gpm or greater to the GHE wash nozzles. If the system fails, the burner will shut down within 45 minutes to allow an orderly shut down of the feed dryer.
2. Provide quarterly compliance statements that the above records are reviewed and the 1st effect wash water system is operating when the Feed Dryer is operating.
3. Monitor the pH and flow rate of the liquid through the nozzles of the 1st effect wash water system to the GHE at least once per week.

Particulate emissions from emission units 5502-1A through 5502-1C will continue to be controlled by the RTO.

- (b) The following is a list of new insignificant emission units and pollution control devices for the milling of wet corn:

- (1) One (1) starch dryer identified as unit T-1, constructed in 2005, with emissions controlled by integral product collector/cyclone and dust collector and exhausting through T-1 stack.
- (2) One (1) Line 1 South Packing Hopper, identified as unit 5549-22, with a maximum production rate of 300 lbs/hr, constructed in 2006, with emissions controlled by integral product collector and exhausting through stack 5549-22.

See "Air Pollution Control Justification as an Integral Part of the Process" of this TSD for the integral analysis.

- (c) The following are corrections and changes to Sections A.2 and A.3 requested by National Starch and Chemical Company. Additional emission units outlined in bold that are not noted above as new units were inadvertently omitted by IDEM OAQ and OES from Sections A.2, A.3 and the facility description in the D Sections of the original Part 70 Permit. The permit did contain operating conditions for these units as applicable and their PTE was considered in the initial source-wide Title V PTE. *(Note: all rule references to 326 IAC 6-1-2 have been replaced with 326 IAC 6.5-1-2. All rule references to 326 IAC 6-1-12 have been replaced with 326 IAC 6.5-6-25):*
- (d) National Starch and Chemical Company has requested to monitor the make-up rate instead of the recirculation rate in the scrubbers. When fresh water is not made up in the scrubbers, then solids continue to increase in the recirculating water until it can no longer scrub out the particulates and solids carryover begins. Monitoring the make-up rate will ensure the scrubbers are working properly.

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) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations [326 IAC 2-7-4(21)(G)(xxiii)];~~

- ~~(b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6: operations M1 through M4 and RSP shop. [326 IAC 2-7-1(21)(G)(vi)(CC)] [326 IAC 8-3-3]~~
- ~~(c) Paved and unpaved roads and parking lots with public access. [326 IAC 2-7-1(21)(G)(xiii)] [326 IAC 6-4]~~
- ~~(d) Emission units or activities with potential uncontrolled PM10 emissions of less than 5 pounds per hour or 25 pounds per day [326 IAC 2-7-1(21)(B)]:~~
- (a) One (1) natural gas-fired #1 Starch Flash Dryer, identified as unit 40-4, constructed in 1965 and modified in 1994, with a maximum heat input capacity of 30 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-4.**
- (b) One (1) natural gas-fired #2 Starch Flash Dryer, identified as unit 40-3, constructed in 1967 and modified in 1994 and 1999, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-3.**
- (c) One (1) natural gas-fired #3 Starch Flash Dryer, identified as unit 40-2, constructed in 1971, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-2.**
- (d) One (1) natural gas-fired #4 Starch Flash Dryer, identified as unit 575-1, constructed in 1977, with a maximum heat input capacity of 43 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-1.**
- (e) One (1) natural gas-fired #6 Starch Flash Dryer, identified as unit 575-3, constructed in 1993, a maximum heat input capacity of 40 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-3.
- (f) One (1) natural gas-fired #1 Spray Dryer, identified as unit 5549-1, constructed in 1993 and modified in 1998, a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-1.
- (g) One (1) natural gas-fired #2 Spray Dryer, identified as unit 5549-2, constructed in 1993 and modified in 1998, with a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-2.
- (h) One (1) natural gas-fired #5 Starch Flash Dryer, identified as unit 575-2, constructed in 1979 and replaced in 1995, with a maximum heat input capacity of 38 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-2.
- (i) One (1) natural gas-fired Feed Dryer, identified as unit 5502-1A, constructed in 1997, a maximum heat input capacity of 77 MMBtu/hr, with SO₂ emissions controlled by **the 1st effect wash water system** ~~a wet scrubber~~, and exhausting to the inlet of unit 5502-1D.
- (j) One (1) natural gas-fired Germ Dryer, identified as unit 5502-1B, constructed in 1997, a maximum heat input capacity of ~~24~~ **20** MMBtu/hr, and exhausting to the inlet of unit 5502-1D.
- (k) One (1) natural gas-fired Gluten Dryer, identified as unit 5502-1C, constructed in 1997, a maximum heat input capacity of 32 MMBtu/hr, and exhausting to the inlet of unit 5502-1D.
- (l) One (1) natural gas-fired Regenerative Thermal Oxidizer, identified as unit 5502-1D, constructed in 1997, a maximum heat input capacity of 18 MMBtu/hr, used for particulate and opacity control, and exhausting to stack 5502-7.

- (m) Spray Agglomerator #3, identified as unit 5549-28, part of the spray agglomeration process, a maximum heat input capacity of ~~46.5~~ **25.0** MMBtu/hr, with emissions controlled by a wet scrubber, and exhausting to stack 5549-28.

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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) Grinding and machining operations controlled with fabric filters with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations: [326 IAC 2-7-1(21)(G)(xxiii)]
 - (1) One (1) DSE Hopper #9, identified as unit 42-3A; [326 IAC 6.5-6-25]
 - (2) One (1) DSE Hopper #10, identified as unit 42-3B; [326 IAC 6.5-6-25]
 - (3) One (1) DSE Hopper #11, identified as unit 42-3C; [326 IAC 6.5-6-25]
 - (4) One (1) DSE Hopper #12, identified as unit 42-3D; [326 IAC 6.5-6-25]
 - (5) One (1) DSE Hopper #13, identified as unit 42-3E; [326 IAC 6.5-6-25]
 - (6) One (1) DSE Hopper #14, identified as unit 42-3F; [326 IAC 6.5-6-25]
 - (7) One (1) DSE Hopper #2, identified as unit 42-7A; [326 IAC 6.5-6-25]
 - (8) One (1) DSE Hopper #4, identified as unit 42-7B; [326 IAC 6.5-6-25]
 - (9) One (1) DSE Hopper #6, identified as unit 42-7C; [326 IAC 6.5-6-25]
 - (10) One (1) DSE Hopper #1, identified as unit 42-8A; [326 IAC 6.5-1-2]
 - (11) One (1) DSE Hopper #3, identified as unit 42-8B; [326 IAC 6.5-1-2]
 - (12) One (1) DSE Hopper #5, identified as unit 42-8C; [326 IAC 6.5-1-2]
 - (13) One (1) DSE Hopper #7, identified as unit 42-8D; [326 IAC 6.5-1-2]
 - (14) One (1) CWS #8 Mill Receiver; identified as unit 63-1A; [326 IAC 6.5-1-2]
 - (15) One (1) CWS **Entoleter** Mill; identified as unit 63-17; [326 IAC 6.5-1-2]
 - ~~(16) One (1) Starch Filter/Receiver 2 Bld 852, identified as unit 152-7; [326 IAC 6.5-1-2]~~
 - ~~(17) One (1) Starch Mixer 4 Bld 852A Filter Receiver, identified as unit 152-8; [326 IAC 6.5-1-2]~~
 - ~~(18) One (1) Starch Mixer 4 Bld 852A, identified as unit 152-9; [326 IAC 6.5-1-2]~~
 - ~~(19) One (1) Starch Mixer 3 Bld 852A Filter Receiver, identified as unit 152-10; [326 IAC 6.5-1-2]~~

- ~~(20) One (1) Starch Mixer 3 Bld 852A, identified as unit 152-11; [326 IAC 6.5-1-2]~~
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6: operations M1 through M4 and RSP shop. [326 IAC 2-7-1(21)(G)(vi)(CC)][326 IAC 8-3-3]
- (c) Paved and unpaved roads and parking lots with public access. [326 IAC 2-7-1(21)(G)(xiii)][326 IAC 6-4]
- (d) Emission units or activities with potential uncontrolled PM10 emissions of less than 5 pounds per hour or 25 pounds per day: [326 IAC 2-7-1(21)(B)]
- (1) One (1) 152-1 Filter Receiver; [326 IAC 6.5-1-2]
 - (2) One (1) 152-2 Mixer baghouse; [326 IAC 6.5-1-2]
 - (3) One (1) 152-3 Starch Cooler Filter Receiver Bld 852; [326 IAC 6.5-1-2]
 - (4) One (1) 152-4 Starch Mixer 2 Filter/Receiver Bld 852A; [326 IAC 6.5-1-2]
 - (5) One (1) 152-5 Starch Mixer 2 Bld 852A; [326 IAC 6.5-1-2]
 - (6) One (1) 152-6 Starch Storage Hopper; [326 IAC 6.5-1-2]
 - (7) One (1) 128-3 Starch Hopper D/C; [326 IAC 6.5-1-2]
 - (8) One (1) DSW Chemical Blender Bag Slitter, identified as unit 61-15; [326 IAC 6.5-1-2]
 - (9) One (1) DSE Hopper #8, identified as unit 42-4; [326 IAC 6.5-6-25]
 - (10) One (1) Dextrin #1 System Cooler Conveyor, identified as unit 61-3; [326 IAC 6.5-1-2]
 - (11) One (1) Dextrin Flash Dryer, identified as unit 61-9; [326 IAC 6.5-6-25]
 - (12) One (1) Dextrin #3 System Cooler, identified as unit 61-22; [326 IAC 6.5-1-2]
 - (13) One (1) Dextrin #2 System Cooler Conveyor, identified as unit 61-23; [326 IAC 6.5-1-2]
 - (14) One (1) CWS South Conveying, identified as unit 63-4; [326 IAC 6.5-1-2]
 - (15) One (1) CWS North Conveying, identified as unit 63-5; [326 IAC 6.5-1-2]
 - (16) One (1) DSE North Packer, identified as unit 42-1; [326 IAC 6.5-6-25]
 - (17) One (1) DSE South Packer, identified as unit 42-9; [326 IAC 6.5-1-2]
 - (18) One (1) sodium sulfate conveying system, identified as unit 40-1; [326 IAC 6.5-1-2]
 - (19) One (1) DSE Negative Receiver, identified as unit 42-6; [326 IAC 6.5-6-25]
 - (20) One (1) DSE Railcar Loading - East Track, identified as unit 42-11; [326 IAC 6.5-1-2]

- (21) One (1) DSE Railcar Loading - West Track, identified as unit 42-12; [326 IAC 6.5-1-2]
- (22) One (1) Dextrin #1 System Mixer, identified as unit 61-1; [326 IAC 6.5-1-2]
- (23) One (1) Dextrin #1 System Cookers, identified as unit 61-2; [326 IAC 6.5-1-2]
- (24) One (1) Dextrin #2 System Mixer, identified as unit 61-6; [326 IAC 6.5-6-25]
- (25) Two (2) Dextrin #2 System East and West Tanks, identified as unit 61-7; [326 IAC 6.5-1-2]
- (26) One (1) Starch Storage Silo #3 Receiver, identified as unit 61-11; [326 IAC 6.5-1-2]
- (27) One (1) Starch Storage Silo #1 Receiver, identified as unit 61-12; [326 IAC 6.5-1-2]
- (28) One (1) Starch Storage Silo #1, identified as unit 61-13; [326 IAC 6.5-1-2]
- (29) One (1) Dextrin #1 System Packer, identified as unit 61-14; [326 IAC 6.5-6-25]
- (30) One (1) DSW Chemical Blender Tank; identified as unit 61-14A; [326 IAC 6.5-6-25]
- (31) One (1) Dextrin System Acidifiers; identified as unit 61-16; [326 IAC 6.5-1-2]
- (32) One (1) Dextrin #2 System Cooler; identified as unit 61-18; [326 IAC 6.5-1-2]
- (33) One (1) Dextrin #3 System Cookers; identified as unit 61-19; [326 IAC 6.5-1-2]
- (34) One (1) Starch Storage Silo #2; identified as unit 61-20; [326 IAC 6.5-1-2]
- (35) One (1) Starch Storage Silo #2 Receiver; identified as unit 61-21; [326 IAC 6.5-1-2]
- (36) One (1) Dextrin #3 System Mixer; identified as unit 61-24; [326 IAC 6.5-1-2]
- (37) One (1) Dextrin #3 System West Tank; identified as unit 61-25; [326 IAC 6.5-1-2]
- (38) One (1) Dextrin #3 System East Tank; identified as unit 61-26; [326 IAC 6.5-1-2]
- (39) One (1) Grain Elevator, identified as unit 56-2; [326 IAC 6.5-6-25]
- (40) One (1) CWS #7 Dryer Receiver; identified as unit 63-3; [326 IAC 6.5-1-2]
- (41) One (1) CWS Packer; identified as unit 63-9; [326 IAC 6.5-1-2]
- (42) One (1) Liquid Glue Bag Dump; identified as unit 63-12; [326 IAC 6.5-1-2]
- (43) One (1) CWS #9 and #10 Dryers Receiver; identified as unit 63-15; [326 IAC 6.5-1-2]
- (44) One (1) CWS #11, #12, and #13 Dryers; identified as unit 63-16; [326 IAC 6.5-1-2]
- (45) One (1) Starch Hopper D/C, identified as unit 128-3; [326 IAC 6.5-1-2]

- (46) One (1) CWS South Raw Material Dump; identified as unit 63-18; [326 IAC 6.5-1-2]
- (47) One (1) DSW Negative Receiver; identified as unit 63-20; [326 IAC 6.5-1-2]
- (48) Two (2) DSW Hoppers #17 and #18; identified as unit 71-2; [326 IAC 6.5-6-25]
- (49) One (1) Dextrin Packer; identified as unit 71-3; [326 IAC 6.5-1-2]
- (50) One (1) DSW Hopper #13, identified as unit 71-4A; [326 IAC 6.5-6-25]
- (51) One (1) DSW Hopper #1; identified as unit 71-5A; [326 IAC 6.5-6-25]
- (52) One (1) DSW Hopper #2; identified as unit 71-5B; [326 IAC 6.5-6-25]
- (53) One (1) DSW Hopper #3; identified as unit 71-5C; [326 IAC 6.5-6-25]
- (54) One (1) DSW Hopper #4; identified as unit 71-5D; [326 IAC 6.5-6-25]
- (55) One (1) DSW Hopper #5; identified as unit 71-5E; [326 IAC 6.5-6-25]
- (56) One (1) DSW Hopper #6; identified as unit 71-5F; [326 IAC 6.5-6-25]
- (57) One (1) DSW Hopper #7; identified as unit 71-5G; [326 IAC 6.5-6-25]
- (58) One (1) DSW Hopper #8; identified as unit 71-5H; [326 IAC 6.5-6-25]
- (59) One (1) DSW Hopper #9; identified as unit 71-5I; [326 IAC 6.5-6-25]
- (60) One (1) DSW Hopper #10; identified as unit 71-5J; [326 IAC 6.5-6-25]
- (61) One (1) DSW Hopper #11; identified as unit 71-5K; [326 IAC 6.5-6-25]
- (62) One (1) DSW Hopper #12; identified as unit 71-5L; [326 IAC 6.5-6-25]
- (63) One (1) DSW Bulk Car Loading; identified as unit 71-8; [326 IAC 6.5-1-2]
- (64) One (1) RSP Bulk Bag Packing; identified as unit 577-1; [326 IAC 6.5-1-2]
- (65) One (1) RSP Bulk Loading System A; identified as unit 577-4; [326 IAC 6.5-1-2]
- (66) One (1) RSP Bulk Loading Fugitive Dust Collector; identified as unit 577-4A; [326 IAC 6.5-1-2]
- (67) One (1) CWS Packing Hopper; identified as unit 578-2; [326 IAC 6.5-1-2]
- ~~(68) One (1) CWS Bagging Line, identified as unit 578-1; [326 IAC 6.5-1-2]~~
- ~~(69)~~**(68)** One (1) CWS Milling System, identified as unit 578-3; [326 IAC 6.5-1-2]
- ~~(70)~~**(69)** One (1) CATO Cooling and Conveying, identified as unit 581-2; [326 IAC 6.5-1-2]
- ~~(71)~~**(70)** One (1) RSP South Packing Line, identified as unit 577-3; [326 IAC 6.5-1-2]
- (71) One (1) Starch Filter/Receiver 2 Bld 852, identified as unit 152-7; [326 IAC 6.5-1-2]**

- (72) One (1) Starch Mixer 4 Bld 852A Filter Receiver, identified as unit 152-8; [326 IAC 6.5-1-2]
 - (73) One (1) Starch Mixer 4 Bld 852A, identified as unit 152-9; [326 IAC 6.5-1-2]
 - (74) One (1) Starch Mixer 3 Bld 852A Filter Receiver, identified as unit 152-10; [326 IAC 6.5-1-2]
 - (75) One (1) Starch Mixer 3 Bld 852A, identified as unit 152-11; [326 IAC 6.5-1-2]
 - (76) One (1) FG Bulk Bag Bin Vent Bld 800, identified as unit FA-60582; [326 IAC 6.5-1-2]
 - (77) One (1) Blending Bin identified as unit TF31901 venting through product recovery DC-31901, Bld 630, venting out stack 1; [326 IAC 6.5-1-2]
 - (78) One (1) Base Bin identified as unit TF31902 venting through product recovery DC-31902, Bld 630, venting out stack 2; [326 IAC 6.5-1-2]
 - (79) One (1) Product Bin identified as unit TF31991 venting through product recovery DC-31991, Bld 630, venting out stack 3; [326 IAC 6.5-1-2]
 - (80) One (1) Surge Tank Bin identified as unit SH31913 venting through product recovery DC-31911, Bld 630, venting out stack 7; [326 IAC 6.5-1-2]
 - (81) One (1) Bulk Bag Unload Bin with integral dust collector , identified as unit DC-31900, Bld 630, venting out stack 8; [326 IAC 6.5-1-2]
 - (82) One (1) FBR exhaust through product recovery metal filters, Bld 630, identified as unit TR31912 venting out stack 5; [326 IAC 6.5-1-2]
 - (83) One (1) starch dryer identified as unit T-1, constructed in 2005, with emissions controlled by integral product collector/cyclone and dust collector and exhausting through T-1 stack; [326 IAC 6.5-1-2]
 - (84) One (1) Line 1 South Packing Hopper, identified as unit 5549-22, with a maximum production rate of 300 lbs/hr, constructed in 2006, with emissions controlled by integral product collector and exhausting through stack 5549-22. [326 IAC 6.5-1-2]
- (e) Combustion related activities including spaces heaters, process heaters, or boilers using natural gas-fired with heat input equal to or less than ten million (10,000,000) British thermal units per hour;[326 IAC 2-7-1(21)(G)(i)(AA)(aa)]
- (1) One (1) process heater, Bld 630, natural gas fired, with maximum heat input capacity of 5.1 MMBtu/hr, identified as unit YX31914A, venting out stack 6.

See Proposed Changes for additional Permit changes.

Enforcement Issues

IDEM and OES are aware that there is a pending enforcement action relating to emission units not identified in the initial Part 70 permit. IDEM and OES are reviewing this matter and will take the appropriate action.

Air Pollution Control Justification as an Integral Part of the Process

The company has submitted the following justification such that the baghouses be considered as an integral part of the milling of wet corn:

- (a) The product from the T-1 Dryer is routed through a cyclone to the packing area. The exhaust stream from the cyclone is routed to a baghouse. The cyclone is process equipment and the baghouse is a voluntary air pollution control device.
- (b) The Line 1 South Packer baghouse serves as an air/product separator for pneumatically conveyed dry starch & feed products. It does not follow product separator cyclones, which serve the same purpose, so the process cannot function without the baghouse. Therefore, the baghouse is process equipment.

The source would utilize the cyclone and the Line 1 South Packer baghouse regardless of the existence of air pollution control requirements.

IDEM, OAQ has evaluated the justifications and agreed that the baghouses will be considered as integral part of the milling of wet corn. Therefore, the permitting level will be determined using the potential to emit after the baghouses. Operating conditions in the proposed permit will specify that these baghouses shall operate at all times when the Line 1 South Packer and T-1 Starch Dryer are in operation.

Emission Calculations

See Appendix A of this document for detailed emission calculations.

Permit Level Determination – Part 70

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency.”

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	5.74
PM10	5.74
SO ₂	0
VOC	0
CO	0
NO _x	0

HAPs	Potential To Emit (tons/year)
tetrachlorethylene	0

This source modification is subject to 326 IAC 2-7-10.5(d)(3), a modification that has the potential to emit less than twenty-five (25) tons per year and equal to or greater than five (5) tons per year of either PM or PM10. Additionally, the modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d), because the modification involves significant changes to the Part 70 Permit.

Permit Level Determination – PSD and Emission Offset

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 modification, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/Emission Unit	Potential to Emit (tons/year)						
	PM	PM10	SO ₂	VOC	CO	NO _x	Pb
T-1 Starch Dryer	3.94	3.94	--	--	--	--	--
Line 1 South Packer	1.80	1.80	--	--	--	--	--
Total for Modification	5.74	5.74	--	--	--	--	--
Significant Level or Major Source Threshold	25	15	40	40	100	40	0.6

This modification to an existing major stationary source is not major because the emissions increase is less than the Emission Offset significant levels. Therefore, pursuant to 326 IAC 2-3, the Emission Offset requirements do not apply.

Marion County has been designated as nonattainment for PM2.5 in 70 FR 943 dated January 5, 2005. According to the April 5, 2005 EPA memo titled "Implementation of New Source Review Requirements in PM2.5 Nonattainment Areas" authored by Steve Page, Director of OAQPS, until EPA promulgates the PM2.5 major NSR regulations, states should assume that a major stationary source's PM10 emissions represent PM2.5 emissions. IDEM will use the PM10 nonattainment major NSR program as a surrogate to address the requirements of nonattainment major NSR for the PM2.5 NAAQS. A significant emissions increase would be a net emissions increase or the potential of fifteen (15) tons per year or greater of PM10. National Starch and Chemical Company has the potential to emit of PM10 from the modification of less than fifteen (15) tons per year. Therefore, assuming that PM10 emissions represent PM2.5 emissions, Non-attainment NSR does not apply for PM2.5.

The PTE of the units that were inadvertently omitted is not included in this modification. The PTE of those units was already included in the initial Part 70 permit 097-7714-00042.

Federal Rule Applicability Determination

- (a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) included in the permit as a result of this modification.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in the permit as a result of this modification.
- (c) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to new or modified emission units that involve a pollutant-specific emission unit and meet the following criteria:
 - (1) has a potential to emit before controls equal to or greater than the major source threshold for the pollutant involved;
 - (2) is subject to an emission limitation or standard for that pollutant; and
 - (3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The requirements of 40 CFR Part 64, CAM are not applicable to any of the new units as part of this modification. This significant permit modification does not directly impact the omitted emission units (40-4, 40-3, 40-2, 575-1), therefore 40 CFR Part 64, CAM does not apply at this time.

State Rule Applicability Determination

The following state rules are applicable to the source due to the modification:

326 IAC 2-2 and 2-3 (PSD and Emission Offset)

PSD and Emission Offset applicability is discussed under the Permit Level Determination - PSD and Emission Offset section.

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

The operation of the T-1 Starch Dryer and Line 1 South Packer will emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 6.5-1-2 (Particulate Emission Limitations)

Pursuant to 326 IAC 6.5-1-2, the particulate matter emissions from each of the facilities, 5549-22 and T-1, shall not exceed 0.03 grain per dry standard cubic foot (gr/dscf).

State rule applicability remains the same for the units that were inadvertently omitted from Section A.2, A.3 and the facility description in the D sections as stated in the Title V permit 097-7714-00042.

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 and OES, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

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

The Compliance Determination Requirements applicable to this modification are as follows:

- (a) The 1st effect wash water system for controlling SO₂ emissions from the Feed Dryer identified as 5502-1A, has applicable compliance determination and compliance monitoring conditions as specified below:
 - (1) The Permittee shall monitor the pH and flow rate of the liquid through the nozzles of the 1st effect wash water system to the GHE at least once per week of the system used to control SO₂ emissions from unit 5502-1A. When for any one reading the pH of the liquid used in the 1st effect wash water system is less than 6.5, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pH or flow rate reading that is outside the above mentioned ranges 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.

- (2) The Feed Dryer controlled by the 1st effect wash water system shall have the following testing requirement:

Emission Unit	Control Device	Timeframe for Testing	Pollutant	Frequency of Testing	Limit or Requirement
Feed Dryer	1 st effect wash water system	5 years from January 11, 2006	SO ₂	Once every 5 years	8.05 lb/hr

- (b) The thermal oxidizer for controlling particulate emissions from units 5502-1A, 5502-1B, and 5502-1C has applicable compliance monitoring conditions as specified below:

- (1) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal oxidizer for measuring operating temperature. The output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever the three (3) hour average temperature of the thermal oxidizer is below 1200°F. A three (3) hour average temperature that is below 1200°F 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.
- (2) The Permittee shall determine the three (3) hour average temperature from the most recent valid stack test that demonstrates compliance with limits pursuant to 326 IAC 2-2, 326 IAC 6.5-1-2, and 326 IAC 6.5-6-25, as approved by IDEM.
- (3) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever the three (3) hour average temperature of the thermal oxidizer is below the three (3) hour average temperature as observed during the compliant stack test. A three (3) hour average temperature that is below the three (3) hour average temperature as observed during the compliant stack test 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.

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. T097-7714-00042. Deleted language appears as ~~strike throughs~~ and new language appears in **bold**:

- (1) The following changes to Sections A.1 and A.2 include updates to the equipment list, the re-designation of Marion County to non-attainment for the 8 Hour Ozone Standard and PM2.5 Standard:

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 wet corn milling plant which produces feed, gluten meal, germ meal, and heavy steepwater.

Responsible Official: Vice President of Manufacturing, North America
 Source Address: 1515 South Drover Street, Indianapolis, IN 46221
 Mailing Address: 1515 South Drover Street, Indianapolis, IN 46221
 General Phone Number: (317) 656-2325

SIC Code: 2046
County Location: Marion
Source Location Status: ~~Attainment for all criteria pollutants~~
Nonattainment for 8 hour Ozone Standard
Nonattainment for PM2.5 Standard
Attainment for all other criteria pollutants
Source Status: Part 70 Permit Program
Major Source, under PSD Rules
Not 1 of 28 Source Categories
Major Source, Section 112 of the Clean Air Act

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) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations [326 IAC 2-7-1(21)(G)(xxiii)]:~~
- ~~(b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6: operations M1 through M4 and RSP shop. [326 IAC 2-7-1(21)(G)(vi)(CC)] [326 IAC 8-3-3]~~
- ~~(c) Paved and unpaved roads and parking lots with public access. [326 IAC 2-7-1(21)(G)(xiii)] [326 IAC 6-4]~~
- ~~(d) Emission units or activities with potential uncontrolled PM10 emissions of less than 5 pounds per hour or 25 pounds per day [326 IAC 2-7-1(21)(B)]:~~
- (a) One (1) natural gas-fired #1 Starch Flash Dryer, identified as unit 40-4, constructed in 1965 and modified in 1994, with a maximum heat input capacity of 30 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-4.**
- (b) One (1) natural gas-fired #2 Starch Flash Dryer, identified as unit 40-3, constructed in 1967 and modified in 1994 and 1999, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-3.**
- (c) One (1) natural gas-fired #3 Starch Flash Dryer, identified as unit 40-2, constructed in 1971, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-2.**
- (d) One (1) natural gas-fired #4 Starch Flash Dryer, identified as unit 575-1, constructed in 1977, with a maximum heat input capacity of 43 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-1.**
- (e) One (1) natural gas-fired #6 Starch Flash Dryer, identified as unit 575-3, constructed in 1993, a maximum heat input capacity of 40 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-3.**
- (f) One (1) natural gas-fired #1 Spray Dryer, identified as unit 5549-1, constructed in 1993 and modified in 1998, a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-1.**

- (g) One (1) natural gas-fired #2 Spray Dryer, identified as unit 5549-2, constructed in 1993 and modified in 1998, with a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-2.
- (h) One (1) natural gas-fired #5 Starch Flash Dryer, identified as unit 575-2, constructed in 1979 and replaced in 1995, with a maximum heat input capacity of 38 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-2.
- (i) One (1) natural gas-fired Feed Dryer, identified as unit 5502-1A, constructed in 1997, a maximum heat input capacity of 77 MMBtu/hr, with SO₂ emissions controlled by **the 1st effect wash water system** ~~a wet scrubber~~, and exhausting to the inlet of unit 5502-1D.
- (j) One (1) natural gas-fired Germ Dryer, identified as unit 5502-1B, constructed in 1997, a maximum heat input capacity of **24 20** MMBtu/hr, ~~with emissions controlled by a wet scrubber~~, and exhausting to the inlet of unit 5502-1D.
- (k) One (1) natural gas-fired Gluten Dryer, identified as unit 5502-1C, constructed in 1997, a maximum heat input capacity of 32 MMBtu/hr, ~~with emissions controlled by a wet scrubber~~, and exhausting to the inlet of unit 5502-1D.
- (l) One (1) natural gas-fired Regenerative Thermal Oxidizer, identified as unit 5502-1D, constructed in 1997, a maximum heat input capacity of 18 MMBtu/hr, used for particulate and opacity control, and exhausting to stack 5502-7.
- (m) Spray Agglomerator #3, identified as unit 5549-28, part of the spray agglomeration process, a maximum heat input capacity of ~~46.5~~ **25.0** MMBtu/hr, with emissions controlled by a wet scrubber, and exhausting to stack 5549-28.

.....

- (2) The following changes have been made to the equipment list in Section A.3:

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) Grinding and machining operations controlled with fabric filters with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations: [326 IAC 2-7-1(21)(G)(xxiii)]
 - (1) One (1) DSE Hopper #9, identified as unit 42-3A; [326 IAC 6.5-6-25]
 - (2) One (1) DSE Hopper #10, identified as unit 42-3B; [326 IAC 6.5-6-25]
 - (3) One (1) DSE Hopper #11, identified as unit 42-3C; [326 IAC 6.5-6-25]
 - (4) One (1) DSE Hopper #12, identified as unit 42-3D; [326 IAC 6.5-6-25]
 - (5) One (1) DSE Hopper #13, identified as unit 42-3E; [326 IAC 6.5-6-25]
 - (6) One (1) DSE Hopper #14, identified as unit 42-3F; [326 IAC 6.5-6-25]
 - (7) One (1) DSE Hopper #2, identified as unit 42-7A; [326 IAC 6.5-6-25]
 - (8) One (1) DSE Hopper #4, identified as unit 42-7B; [326 IAC 6.5-6-25]

- (9) One (1) DSE Hopper #6, identified as unit 42-7C; [326 IAC 6.5-6-25]
- (10) One (1) DSE Hopper #1, identified as unit 42-8A; [326 IAC 6.5-1-2]
- (11) One (1) DSE Hopper #3, identified as unit 42-8B; [326 IAC 6.5-1-2]
- (12) One (1) DSE Hopper #5, identified as unit 42-8C; [326 IAC 6.5-1-2]
- (13) One (1) DSE Hopper #7, identified as unit 42-8D; [326 IAC 6.5-1-2]
- (14) One (1) CWS #8 Mill Receiver; identified as unit 63-1A; [326 IAC 6.5-1-2]
- (15) One (1) CWS **Entoleter** Mill; identified as unit 63-17; [326 IAC 6.5-1-2]
- ~~(16) One (1) Starch Filter/Receiver 2 Bld 852, identified as unit 152-7; [326 IAC 6.5-1-2]~~
- ~~(17) One (1) Starch Mixer 4 Bld 852A Filter Receiver, identified as unit 152-8; [326 IAC 6.5-1-2]~~
- ~~(18) One (1) Starch Mixer 4 Bld 852A, identified as unit 152-9; [326 IAC 6.5-1-2]~~
- ~~(19) One (1) Starch Mixer 3 Bld 852A Filter Receiver, identified as unit 152-10; [326 IAC 6.5-1-2]~~
- ~~(20) One (1) Starch Mixer 3 Bld 852A, identified as unit 152-11; [326 IAC 6.5-1-2]~~
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6: operations M1 through M4 and RSP shop. [326 IAC 2-7-1(21)(G)(vi)(CC)][326 IAC 8-3-3]
- (c) Paved and unpaved roads and parking lots with public access. [326 IAC 2-7-1(21)(G)(xiii)][326 IAC 6-4]
- (d) Emission units or activities with potential uncontrolled PM10 emissions of less than 5 pounds per hour or 25 pounds per day: [326 IAC 2-7-1(21)(B)]
 - (1) One (1) 152-1 Filter Receiver; [326 IAC 6.5-1-2]
 - (2) One (1) 152-2 Mixer baghouse; [326 IAC 6.5-1-2]
 - (3) One (1) 152-3 Starch Cooler Filter Receiver Bld 852; [326 IAC 6.5-1-2]
 - (4) One (1) 152-4 Starch Mixer 2 Filter/Receiver Bld 852A; [326 IAC 6.5-1-2]
 - (5) One (1) 152-5 Starch Mixer 2 Bld 852A; [326 IAC 6.5-1-2]
 - (6) One (1) 152-6 Starch Storage Hopper; [326 IAC 6.5-1-2]
 - (7) One (1) 128-3 Starch Hopper D/C; [326 IAC 6.5-1-2]
 - (8) One (1) DSW Chemical Blender Bag Slitter, identified as unit 61-15; [326 IAC 6.5-1-2]
 - (9) One (1) DSE Hopper #8, identified as unit 42-4; [326 IAC 6.5-6-25]

- (10) One (1) Dextrin #1 System Cooler Conveyor, identified as unit 61-3; [326 IAC 6.5-1-2]
- (11) One (1) Dextrin Flash Dryer, identified as unit 61-9; [326 IAC 6.5-6-25]
- (12) One (1) Dextrin #3 System Cooler, identified as unit 61-22; [326 IAC 6.5-1-2]
- (13) One (1) Dextrin #2 System Cooler Conveyor, identified as unit 61-23; [326 IAC 6.5-1-2]
- (14) One (1) CWS South Conveying, identified as unit 63-4; [326 IAC 6.5-1-2]
- (15) One (1) CWS North Conveying, identified as unit 63-5; [326 IAC 6.5-1-2]
- (16) One (1) DSE North Packer, identified as unit 42-1; [326 IAC 6.5-6-25]
- (17) One (1) DSE South Packer, identified as unit 42-9; [326 IAC 6.5-1-2]
- (18) One (1) sodium sulfate conveying system, identified as unit 40-1; [326 IAC 6.5-1-2]
- (19) One (1) DSE Negative Receiver, identified as unit 42-6; [326 IAC 6.5-6-25]
- (20) One (1) DSE Railcar Loading - East Track, identified as unit 42-11; [326 IAC 6.5-1-2]
- (21) One (1) DSE Railcar Loading - West Track, identified as unit 42-12; [326 IAC 6.5-1-2]
- (22) One (1) Dextrin #1 System Mixer, identified as unit 61-1; [326 IAC 6.5-1-2]
- (23) One (1) Dextrin #1 System Cookers, identified as unit 61-2; [326 IAC 6.5-1-2]
- (24) One (1) Dextrin #2 System Mixer, identified as unit 61-6; [326 IAC 6.5-6-25]
- (25) Two (2) Dextrin #2 System East and West Tanks, identified as unit 61-7; [326 IAC 6.5-1-2]
- (26) One (1) Starch Storage Silo #3 Receiver, identified as unit 61-11; [326 IAC 6.5-1-2]
- (27) One (1) Starch Storage Silo #1 Receiver, identified as unit 61-12; [326 IAC 6.5-1-2]
- (28) One (1) Starch Storage Silo #1, identified as unit 61-13; [326 IAC 6.5-1-2]
- (29) One (1) Dextrin #1 System Packer, identified as unit 61-14; [326 IAC 6.5-6-25]
- (30) One (1) DSW Chemical Blender Tank; identified as unit 61-14A; [326 IAC 6.5-6-25]
- (31) One (1) Dextrin System Acidifiers; identified as unit 61-16; [326 IAC 6.5-1-2]
- (32) One (1) Dextrin #2 System Cooler; identified as unit 61-18; [326 IAC 6.5-1-2]
- (33) One (1) Dextrin #3 System Cookers; identified as unit 61-19; [326 IAC 6.5-1-2]
- (34) One (1) Starch Storage Silo #2; identified as unit 61-20; [326 IAC 6.5-1-2]

- (35) One (1) Starch Storage Silo #2 Receiver; identified as unit 61-21; [326 IAC 6.5-1-2]
- (36) One (1) Dextrin #3 System Mixer; identified as unit 61-24; [326 IAC 6.5-1-2]
- (37) One (1) Dextrin #3 System West Tank; identified as unit 61-25; [326 IAC 6.5-1-2]
- (38) One (1) Dextrin #3 System East Tank; identified as unit 61-26; [326 IAC 6.5-1-2]
- (39) One (1) Grain Elevator, identified as unit 56-2; [326 IAC 6.5-6-25]
- (40) One (1) CWS #7 Dryer Receiver; identified as unit 63-3; [326 IAC 6.5-1-2]
- (41) One (1) CWS Packer; identified as unit 63-9; [326 IAC 6.5-1-2]
- (42) One (1) Liquid Glue Bag Dump; identified as unit 63-12; [326 IAC 6.5-1-2]
- (43) One (1) CWS #9 and #10 Dryers Receiver; identified as unit 63-15; [326 IAC 6.5-1-2]
- (44) One (1) CWS #11, #12, and #13 Dryers; identified as unit 63-16; [326 IAC 6.5-1-2]
- (45) One (1) Starch Hopper D/C, identified as unit 128-3; [326 IAC 6.5-1-2]
- (46) One (1) CWS South Raw Material Dump; identified as unit 63-18; [326 IAC 6.5-1-2]
- (47) One (1) DSW Negative Receiver; identified as unit 63-20; [326 IAC 6.5-1-2]
- (48) Two (2) DSW Hoppers #17 and #18; identified as unit 71-2; [326 IAC 6.5-6-25]
- (49) One (1) Dextrin Packer; identified as unit 71-3; [326 IAC 6.5-1-2]
- (50) One (1) DSW Hopper #13, identified as unit 71-4A; [326 IAC 6.5-6-25]
- (51) One (1) DSW Hopper #1; identified as unit 71-5A; [326 IAC 6.5-6-25]
- (52) One (1) DSW Hopper #2; identified as unit 71-5B; [326 IAC 6.5-6-25]
- (53) One (1) DSW Hopper #3; identified as unit 71-5C; [326 IAC 6.5-6-25]
- (54) One (1) DSW Hopper #4; identified as unit 71-5D; [326 IAC 6.5-6-25]
- (55) One (1) DSW Hopper #5; identified as unit 71-5E; [326 IAC 6.5-6-25]
- (56) One (1) DSW Hopper #6; identified as unit 71-5F; [326 IAC 6.5-6-25]
- (57) One (1) DSW Hopper #7; identified as unit 71-5G; [326 IAC 6.5-6-25]
- (58) One (1) DSW Hopper #8; identified as unit 71-5H; [326 IAC 6.5-6-25]
- (59) One (1) DSW Hopper #9; identified as unit 71-5I; [326 IAC 6.5-6-25]
- (60) One (1) DSW Hopper #10; identified as unit 71-5J; [326 IAC 6.5-6-25]
- (61) One (1) DSW Hopper #11; identified as unit 71-5K; [326 IAC 6.5-6-25]

- (62) One (1) DSW Hopper #12; identified as unit 71-5L; [326 IAC 6.5-6-25]
- (63) One (1) DSW Bulk Car Loading; identified as unit 71-8; [326 IAC 6.5-1-2]
- (64) One (1) RSP Bulk Bag Packing; identified as unit 577-1; [326 IAC 6.5-1-2]
- (65) One (1) RSP Bulk Loading System A; identified as unit 577-4; [326 IAC 6.5-1-2]
- (66) One (1) RSP Bulk Loading Fugitive Dust Collector; identified as unit 577-4A; [326 IAC 6.5-1-2]
- (67) One (1) CWS Packing Hopper; identified as unit 578-2; [326 IAC 6.5-1-2]
- ~~(68) One (1) CWS Bagging Line, identified as unit 578-1; [326 IAC 6.5-1-2]~~
- ~~(69)~~**(68)** One (1) CWS Milling System, identified as unit 578-3; [326 IAC 6.5-1-2]
- ~~(70)~~**(69)** One (1) CATO Cooling and Conveying, identified as unit 581-2; [326 IAC 6.5-1-2]
- ~~(71)~~**(70)** One (1) RSP South Packing Line, identified as unit 577-3; [326 IAC 6.5-1-2]
- (71) One (1) Starch Filter/Receiver 2 Bld 852, identified as unit 152-7; [326 IAC 6.5-1-2]**
- (72) One (1) Starch Mixer 4 Bld 852A Filter Receiver, identified as unit 152-8; [326 IAC 6.5-1-2]**
- (73) One (1) Starch Mixer 4 Bld 852A, identified as unit 152-9; [326 IAC 6.5-1-2]**
- (74) One (1) Starch Mixer 3 Bld 852A Filter Receiver, identified as unit 152-10; [326 IAC 6.5-1-2]**
- (75) One (1) Starch Mixer 3 Bld 852A, identified as unit 152-11; [326 IAC 6.5-1-2]**
- (76) One (1) FG Bulk Bag Bin Vent Bld 800, identified as unit FA-60582; [326 IAC 6.5-1-2]**
- (77) One (1) Blending Bin identified as unit TF31901 venting through product recovery DC-31901, Bld 630, venting out stack 1; [326 IAC 6.5-1-2]**
- (78) One (1) Base Bin identified as unit TF31902 venting through product recovery DC-31902, Bld 630, venting out stack 2; [326 IAC 6.5-1-2]**
- (79) One (1) Product Bin identified as unit TF31991 venting through product recovery DC-31991, Bld 630, venting out stack 3; [326 IAC 6.5-1-2]**
- (80) One (1) Surge Tank Bin identified as unit SH31913 venting through product recovery DC-31911, Bld 630, venting out stack 7; [326 IAC 6.5-1-2]**
- (81) One (1) Bulk Bag Unload Bin with integral dust collector , identified as unit DC-31900, Bld 630, venting out stack 8; [326 IAC 6.5-1-2]**
- (82) One (1) FBR exhaust through product recovery metal filters, Bld 630, identified as unit TR31912 venting out stack 5; [326 IAC 6.5-1-2]**

- (83) One (1) starch dryer identified as unit T-1, constructed in 2005, with emissions controlled by integral product collector/cyclone and duct collector and exhausting through T-1 stack;**
- (84) One (1) Line 1 South Packing Hopper, identified as unit 5549-22, with a maximum production rate of 300 lbs/hr, constructed in 2006, with emissions controlled by integral product collector and exhausting through stack 5549-22.**
- (e) Combustion related activities including spaces heaters, process heaters, or boilers using natural gas-fired with heat input equal to or less than ten million (10,000,000) British thermal units per hour;[326 IAC 2-7-1(21)(G)(i)(AA)(aa)]**
 - (1) One (1) process heater, Bld 630, natural gas fired, with maximum heat input capacity of 5.1 MMBtu/hr, identified as unit YX31914A, venting out stack 6.**
- (3) Sections B, C and D have been updated as follows:
 - (a) IDEM has determined that the Permittee is not required to keep records of all preventive maintenance. However, where the Permittee seeks to demonstrate that an emergency has occurred, the Permittee must provide, upon request records of preventive maintenance in order to establish that the lack of proper maintenance did not cause or contribute to the deviation. Therefore, IDEM has deleted paragraph (b) of Section B – Preventive Maintenance and has amended the Section B – Emergency Provisions.
 - (b) IDEM has clarified the Section B Operational Flexibility condition.
 - (c) IDEM has determined that in order to avoid duplication of requirements which may be included in D sections, Section C Operation of Equipment condition shall be removed from the permit.
 - (d) IDEM has reconsidered the requirement to develop and follow a Compliance Response Plan. The Permittee will still be required to take reasonable response steps when a compliance monitoring parameter is determined to be out of range or abnormal. Replacing the requirement to develop and follow a Compliance Response Plan with a requirement to take reasonable response steps will ensure that the control equipment is returned to proper operation as soon as practicable, while still allowing the Permittee the flexibility to respond to situations that were not anticipated. The Section D conditions that refer to this condition have been revised to reflect the new condition title, and Section C has been revised to include Response to Excursions or Exceedances condition.
 - (e) Upon further review, IDEM has determined that it is the Permittee's responsibility to include routine control device inspection requirements in the applicable preventive maintenance plan. Since the Permittee is in the best position to determine the appropriate frequency of control device inspections and the details regarding which components of the control device should be inspected, the conditions requiring control device inspections have been removed from the permit. In addition, the requirement to keep records of the inspections has been removed.
 - (f) Paragraph (b) of the Particulate Control condition has been revised for those processes that operate in batch mode. The condition required an emission unit to be shut down immediately in case of baghouse failure. However, IDEM is aware there can be safety issues with shutting down a process in the middle of a batch. IDEM also realizes that in some situations, shutting down an emissions unit mid-

process can cause equipment damage. Therefore, since it is not always possible to shut down a process with material remaining in the equipment, IDEM has revised the condition to state that in the case of baghouse failure, the feed to the process must be shut off immediately, and the process shall be shut down as soon as practicable.

- (g) Paragraph (a) of the Broken or Failed Baghouse condition has been deleted. For multi-compartment baghouses, the permit will not specify what actions the Permittee needs to take in response to a broken bag. However, a requirement has been added to requiring the Permittee to notify IDEM if a broken bag is detected and the control device will not be repaired for more than ten (10) days. This notification allows IDEM to take any appropriate actions if the emission unit will continue to operate for a long period of time while the control device is not operating in optimum condition.
- (h) All references to IDEM, OAQ's mailing address have been revised as follows:
- Indiana Department of Environmental Management
Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- (i) Indiana was required to incorporate credible evidence provisions into state rules consistent with the SIP call published by U.S. EPA in 1997 (62 FR 8314). Indiana has incorporated the credible evidence provision in 326 IAC 1-1-6. This rule is effective March 16, 2005. The condition reflecting this rule has been added to the permit.

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]

~~This permit 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.~~

B.3 — Enforceability [326 IAC 2-7-7]

(a) ~~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 and OES, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.~~

(b) ~~The Indianapolis Air Pollution Control Board (IAPCB) has adopted by reference state rules listed in Attachment A of this permit. The version adopted by reference includes all amendments, additions and repeals filed with the Secretary of State through August 10, 1997 and published in the Indiana Register September 1, 1997, unless otherwise indicated in the adoption by reference. For the purposes of this permit, all state rules adopted by reference by the IAPCB are enforceable by OES using local enforcement procedures. Unless otherwise stated, all terms and conditions in this permit that are local requirements, including any provisions designed to limit the source's potential to emit, are enforceable by OES.~~

B.4 — 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.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, and the OES within a reasonable time, any information that IDEM, OAQ, and the City of Indianapolis, OES 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, and the OES 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 a 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.~~

~~(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. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15th of each year to:~~

~~Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

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, and the OES 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, and the OES 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) within sixty (60) days after issuance of this permit, including the following information on each facility:~~
- ~~(1) — Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;~~
 - ~~(2) — A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and~~
 - ~~(3) — Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.~~

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

~~Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015~~

and

City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (b) ~~The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.~~
- (c) ~~A copy of the PMPs shall be submitted to IDEM, OAQ, and the OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ, and the OES. IDEM, OAQ, and the OES 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 PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~
- (d) ~~To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.~~

~~B.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, and the OES within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;~~

IDEM, OAQ:

Telephone Number: ~~1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or~~

Telephone Number: ~~317-233-5674 (ask for Compliance Section)~~

Facsimile Number: ~~317-233-5967~~

OES:

Telephone No.: ~~317-327-2237 (ask for Data Compliance)~~

Facsimile No.: ~~317-327-2274~~

- ~~(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, P. O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

~~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) IDEM, OAQ, and the OES 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, and the OES 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.~~

- (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 in 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, and the OES 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, and the OES 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, and the OES has issued the modification. [326 IAC 2-7-12(b)(8)]

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

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
- (1) incorporated as originally stated,

~~(2) — revised, or~~

~~(3) — deleted~~

~~by this permit.~~

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

~~B.14 — 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

~~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.15 — 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 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, and the OES 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, and the OES 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, or the OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, or the OES may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(e)]~~

~~B.16 Permit Renewal [326 IAC 2-7-4]~~

- ~~(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and the OES 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

- ~~(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]~~

~~(1) A timely renewal application is one that is:~~

~~(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and~~

~~(B) 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, and OES on or before the date it is due.~~

~~(2) If IDEM, OAQ, and the City of Indianapolis, OES, upon receiving a timely and complete 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.~~

- ~~(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]~~

~~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, and the OES, 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, and the OES, any additional information identified as being needed to process the application.

- ~~(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ, and the OES fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.~~

~~B.17 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

~~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)]~~

- ~~(d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2~~

~~B.18 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.19 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 emissions allowable under 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

~~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 which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.~~

~~Such records shall consist of all information required to be submitted to IDEM, OAQ, and OES 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 increases and decreases in emissions in 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, OES, or U.S. EPA is required.~~

~~B.20 Source Modification Requirement [326 IAC 2-7-10.5]~~

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

~~B.21 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, OES, 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.22 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits~~

2700 South Belmont Avenue
Indianapolis, Indiana 46221

~~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.23 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, and the OES 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, or the OES the applicable fee is due April 1st 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, I/M & Billing Section), to determine the appropriate permit fee.~~

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

~~C.2 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. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable~~

~~C.3 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. 326 IAC 9-1-2 is not federally enforceable.~~

~~C.4 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.5 Operation of Equipment [326 IAC 2-7-6(6)]~~

~~Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.~~

~~C.6 — Stack Height [326 IAC 1-7]~~

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

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

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

~~(b) — The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:~~

~~(1) — When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or~~

~~(2) — If there is a change in the following:~~

~~(A) — Asbestos removal or demolition start date;~~

~~(B) — Removal or demolition contractor; or~~

~~(C) — Waste disposal site.~~

~~(c) — The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).~~

~~(d) — The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).~~

~~All required notifications shall be submitted to:~~

~~Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

~~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 14-10-4-1, 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 Accredited 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 Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

~~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 and the OES not later than forty five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, and the City of Indianapolis, OES, 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 sixty (60) days of permit issuance. 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 sixty (60) 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

~~in writing, prior to the end of the initial sixty (60) 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 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]~~

~~(a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.~~

~~(b) Whenever a condition in this permit requires the measurement of a flow rate or pH level, the instrument employed shall have a scale such that the expected normal reading shall~~

~~be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.~~

- ~~(c) The Preventive Maintenance Plan for the pH meter shall include calibration using known standards. The frequency of calibration shall be adjusted such that the typical error found at calibration is less than one pH point.~~
- ~~(d) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other 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 shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.~~
- ~~(b) These ERPs shall be submitted for approval to:~~

~~Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221~~

~~within ninety (90) days after the date of issuance of this permit.~~

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

- ~~(c) If the ERP is disapproved by IDEM, OAQ, and the OES, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.~~
- ~~(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.~~
- ~~(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.~~
- ~~(f) Upon direct notification by IDEM, OAQ, and the OES, 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 68.215]~~

~~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 Compliance Response Plan – Preparation, Implementation, Records, and Reports [326 IAC 2-7-5]
[326 IAC 2-7-6]~~

- ~~(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. If a Permittee is required to have an Operation, Maintenance and Monitoring (OMM) Plan under 40 CFR 60/63, such plans shall be deemed to satisfy the requirements for a CRP for those compliance monitoring conditions. A CRP shall be submitted to IDEM, OAQ and the OES upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:~~
- ~~(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.~~
 - ~~(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan and the Permittee documents such response in accordance with subsection (c) below, the Permittee shall amend its Compliance Response Plan Operation, Maintenance and Monitoring (OMM) Plan to include such response steps taken.~~

~~The OMM Plan shall be submitted within the time frames specified by the applicable 40 CFR 60/63 requirement.~~

- ~~(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:~~
- ~~(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan; or~~
 - ~~(2) If none of the reasonable response steps listed in the Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.~~
 - ~~(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.~~
 - ~~(4) Failure to take reasonable response steps shall be considered a deviation from the permit.~~
- ~~(c) The Permittee is not required to take any further response steps for any of the following reasons:~~
- ~~(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.~~

- ~~(2) — The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.~~
- ~~(3) — An automatic measurement was taken when the process was not operating.~~
- ~~(4) — The process has already returned or is returning to operating within “normal” parameters and no response steps are required.~~
- ~~(d) — When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.~~
- ~~(e) — The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.~~
- ~~(f) — Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.~~

~~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 and 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) — The Permittee shall submit an emission statement certified pursuant to the requirements of 326 IAC 2-6. This statement must be received in accordance with the compliance schedule specified in 326 IAC 2-6-3 and must comply with the minimum requirements specified in 326 IAC 2-6-4. The emission statement shall meet the following requirements:~~
 - ~~(1) — Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);~~
 - ~~(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 purposes of Part 70 fee assessment.~~

The emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

City of Indianapolis
Office of Environmental Services
Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221

The emission statement does not require the certification by the "responsible official" as defined by 326 IAC 2-1.1-1(1).

- (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, and the OES on or before the date it is due.

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

- (a) Records of all required monitoring data, reports and support information required by this Permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner and the OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner and the OES 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.

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

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

- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

City of Indianapolis
Office of Environmental Services

Air Quality Management Section, Permits
2700 South Belmont Avenue
Indianapolis, Indiana 46221

- ~~(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, and the OES 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) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.~~

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 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, T097-7714-00042, 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 and OES, 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]

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

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 and OES, within a reasonable time, any information that IDEM, OAQ and OES 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 and OES 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) the "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 April 15th of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES 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 and OES 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 and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and OES. IDEM, OAQ and OES 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, and OES 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
Office of Environmental Services phone: (317) 327-2234; fax: (317) 327-2274
 - (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
Indianapolis, Indiana 46204-2251**

and

**Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221**

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 and OES 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 and OES 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.**
- (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.**

- (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:**
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and**
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.**

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

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

B.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, or OES 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, or OES 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, or OES 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 T097-7714-00042 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised under 326 IAC 2-7-10.5, or
 - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

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

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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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, or OES 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, or OES 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, or OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, or OES 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 OES 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

Indianapolis, Indiana 46204-2251

and

**Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221**

- (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, and OES 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 and OES 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 and OES 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][40 CFR 72]

- (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
Indianapolis, Indiana 46204-2251**
- and**
- Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221**
- 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES 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 in 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**
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] [326 IAC 2-2-2] [326 IAC 2-3-2]

- (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 2-2-2 and 326 IAC 2-3-2.**

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, and OES 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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, and OES 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, or OES 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 Advanced Source Modification Approval[326 IAC 2-7-5(16)] [326 IAC 2-7-10.5](Delete if Not Applicable)

- (a) The requirements to obtain a source modification approval under 326 IAC 2-7-10.5 or a permit modification under 326 IAC 2-7-12 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3.
- (b) Pursuant to 326 IAC 2-1.1-9 any permit authorizing construction may be revoked if construction of the emission unit has not commenced within eighteen (18) months from the date of issuance of the permit, or if during the construction, work is suspended for a continuous period of one (1) year or more.

B.26 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 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 thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.2 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. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.3 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.4 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.5 Stack Height [326 IAC 1-7]

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

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 Accredited 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 Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

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

C.7 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, and OES if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

C.9 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. 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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.10 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.11 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.12 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 shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

- (b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

within ninety (90) days after the date of issuance of this permit.

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

- (c) If the ERP is disapproved by IDEM, OAQ and OES, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAQ and OES 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.13 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.14 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;**
 - (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.15 Actions Related to Noncompliance Demonstrated by a Stack Test

- (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 and 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.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6-6]

(a) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

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 and OES on or before the date it is due.

C.17 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 or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or OES 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.

- (c) If there is a reasonable possibility that a “project” (as defined in 326 IAC 2-2-1(qq) and 326 IAC 2-3-1(II)) at an existing emissions unit, other than projects at a Clean Unit, which is not part of a “major modification” (as defined in 326 IAC 2-2-1(ee) and 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 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 326 IAC 2-3-1(II)) 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 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.
 - (2) 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
 - (3) 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.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]

- (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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building

**2700 South Belmont Ave.
Indianapolis, IN 46221**

- (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, and OES 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.**

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
Indianapolis, Indiana 46204-2251**

and

**Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221**

- (f) If the Permittee is required to comply with the recordkeeping provisions of (c) in Section C- General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1(qq) and 326 IAC 2-3-1(II)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ and OES:**
 - (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 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 (c)(2) and (3) 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 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
Indianapolis, Indiana 46204-2251

and

Office of Environmental Services
Administration Building
2700 South Belmont Ave.
Indianapolis, IN 46221

(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 and OES. The general public may request this information from the IDEM, OAQ and OES under 326 IAC 17.1.

Stratospheric Ozone Protection

C.19 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)]: (continued)

- (a) **One (1) natural gas-fired #1 Starch Flash Dryer, identified as unit 40-4, constructed in 1965 and modified in 1994, with a maximum heat input capacity of 30 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-4.**
- (b) **One (1) natural gas-fired #2 Starch Flash Dryer, identified as unit 40-3, constructed in 1967 and modified in 1994 and 1999, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-3.**
- (c) **One (1) natural gas-fired #3 Starch Flash Dryer, identified as unit 40-2, constructed in 1971, with a maximum heat input capacity of 36 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 40-2.**
- (d) **One (1) natural gas-fired #4 Starch Flash Dryer, identified as unit 575-1, constructed in 1977, with a maximum heat input capacity of 43 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-1.**
- (e) One (1) natural gas-fired #6 Starch Flash Dryer, identified as unit 575-3, constructed in 1993, a maximum heat input capacity of 40 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-3.
- (f) One (1) natural gas-fired #1 Spray Dryer, identified as unit 5549-1, constructed in 1993 and modified in 1998, a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-1.
- (g) One (1) natural gas-fired #2 Spray Dryer, identified as unit 5549-2, constructed in 1993 and modified in 1998, with a maximum heat input capacity of 25 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 5549-2.
- (h) One (1) natural gas-fired #5 Starch Flash Dryer, identified as unit 575-2, constructed in 1979 and replaced in 1995, with a maximum heat input capacity of 38 MMBtu/hr, emissions controlled by a wet scrubber, and exhausting to stack 575-2.
- (i) One (1) natural gas-fired Feed Dryer, identified as unit 5502-1A, constructed in 1997, a maximum heat input capacity of 77 MMBtu/hr, with **SO₂** emissions controlled by **the 1st effect wash water system** ~~a wet scrubber~~, and exhausting to the inlet of unit 5502-1D.
- (j) One (1) natural gas-fired Germ Dryer, identified as unit 5502-1B, constructed in 1997, a maximum heat input capacity of ~~24~~ **20** MMBtu/hr, ~~with emissions controlled a wet scrubber~~, and exhausting to the inlet of unit 5502-1D.
- (k) One (1) natural gas-fired Gluten Dryer, identified as unit 5502-1C, constructed in 1997, a maximum heat input capacity of 32 MMBtu/hr, ~~with emissions controlled by a wet scrubber~~, and exhausting to the inlet of unit 5502-1D.
- (l) One (1) natural gas-fired Regenerative Thermal Oxidizer, identified as unit 5502-1D, constructed in 1997, a maximum heat input capacity of 18 MMBtu/hr, used for particulate and opacity control, and exhausting to stack 5502-7.
- (m) Spray Agglomerator #3, identified as unit 5549-28, part of the agglomerator process listed in Section D.2, a maximum capacity of ~~46.5~~ **25.0** MMBtu/hr with emissions controlled by a wet scrubber, and exhausting to stack 5549-28.

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

.....

Compliance Determination Requirements

D.1.6 Particulate and Sulfur Dioxide Control

- (a) In order to comply with Conditions D.1.1, ~~and D.1.2, and D.1.3,~~ the scrubber RTO shall be in operation and control particulate and SO₂ emissions from units 5502-1A, 5502-1B, and 5502-1C at all times those units are in operation.
- (b) **In order to comply with Condition D.1.1(a)(3), the 1st effect wash water system shall be in operation and control SO₂ emissions from unit 5502-1A at all times the unit is in operation.**
- (c) In order to comply with Conditions D.1.1, D.1.2, and D.1.3, the scrubbers shall be in operation and control particulate emissions from units 40-4, 40-3, 40-2, 575-1, 575-3, 5549-1, 5549-2, 575-2, and 5549-28 at all times those units are in operation.

D.1.7 Testing Testing Requirements [326 IAC 2-1.1-11]

No later than five (5) years from January 11, 2006, in order to demonstrate compliance with Condition D.1.1, the Permittee shall perform SO₂ testing on emission unit 5502-1A, 5502-1B, 5502-1C and 5502-1D, utilizing methods as approved by the Commissioner. Testing shall be repeated every five (5) years and shall be conducted in accordance with Section C- Performance Testing.

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

D.1.78 Visible Emissions Notations

- (a) Visible emission notations of exhaust from stacks 40-4, 40-3, 40-2, 575-1, 575-3, 5549-1, 5549-2, 575-2, 5502-7, and 5549-28 shall be performed once per ~~shift~~ **day** during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal. A notation of abnormal visible emissions is not a deviation from this permit.
- (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) ~~The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports, shall be considered a deviation from this permit.~~
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.

- (f) Visible emissions notations of exhaust from stack 5502-7 are not required during scheduled, routine bakeout events involving the natural gas-fired Regenerative Thermal Oxidizer (RTO), or equivalent control device, used for particulate and opacity control, provided that the Permittee meets the following conditions:
- (1) The Permittee notifies the OAQ and OES at least twenty-four (24) hours in advance of a bakeout event;
 - (2) The Permittee follows specific bakeout procedures outlined in the Preventive Maintenance Plan (PMP), thereby minimizing emissions during the backout event. Deviations from the procedures in the PMP during bakeout events will require that changes are made to the PMP;
 - (3) The Permittee completes bakeout events in an expeditious manner;
 - (4) The Permittee documents that bakeout event do not exceed three percent (3%) of the annual operating time of the RTO, or equivalent device; and
 - (5) The Permittee keeps records of the date and duration of each bakeout event.

Provided that these conditions are met, the Permittee is allowed a temporary alternative opacity limitation during bakeout events such that opacity shall not exceed sixty percent (60%) for more than a cumulative total of 14 hours in any twenty-four (24) period.

D.1.89 Parametric Monitoring for Scrubbers, RTO and 1st Effect Wash Water System

- (a) ~~The Permittee shall monitor the pH and flow rate of the of the liquid through the nozzles of the scrubber at least once per week of the scrubber used to control particulate and SO₂ emissions from units 5502-1A through 5502-1C. When, for any one reading, the pH of the liquid used in the scrubber is less than 5.5, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports. When, for any one reading, the flow rate through the nozzles of the scrubber is outside the range of 110 to 145 gallons per minute, the Permittee shall take reasonable response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports. A pH or flow rate reading that is outside the above mentioned ranges is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports, shall be considered a deviation from this permit.~~
The Permittee shall monitor the pH and flow rate of the liquid through the nozzles of the 1st effect wash water system to the GHE at least once per week of the system used to control SO₂ emissions from unit 5502-1A. When for any one reading the pH of the liquid used in the 1st effect wash water system is less than 6.5, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pH or flow rate reading that is outside the above mentioned ranges 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.
- (b) The Permittee shall monitor the exhaust air stream pressure drop across ~~the~~ **each** scrubber, and ~~each~~ **each** scrubber recirculation ~~make-up~~ **make-up** rate at least once per week from the scrubbers controlling emissions from units 40-4, 40-3, 40-2, 575-1, 575-3, 5549-1, 5549-2, and 575-2. When, for any one reading, the pressure drop across the scrubber is outside the range of 6.0 to 12.0 inches of water ~~in the table listed below~~, or a range established during the last stack test, the Permittee shall take reasonable response steps in accordance with Section C - ~~Compliance Response Plan - Preparation, Implementation, Records, and Reports~~ **Response to Excursions or Exceedances**. When, for any one reading, the recirculation ~~make-up~~ **make-up** rate is less than the manufacturer's specifications, or a

rate established during the most recent stack test, the Permittee shall take reasonable response steps in accordance with Section C - **Response to Excursions or Exceedances** ~~Compliance Response Plan - Preparation, Implementation, Records, and Reports~~. A pressure drop or recirculation **make-up** rate reading that is outside the above mentioned ~~mentioned~~ **ranges listed in the table below** is not a deviation from this permit. Failure to take response steps in accordance with Section C - **Response to Excursions or Exceedances** ~~Compliance Response Plan - Preparation, Implementation, Records and Reports~~, shall be considered a deviation from this permit.

Unit #	Unit Name	Year installed or upgraded	Pressure Drop Range
40-4	#1 SFD Scrubber	1986	3" to 8"
40-3	#2 SFD Scrubber	1999	6" to 15"
40-2	#3 SFD Scrubber	1986	3" to 8"
575-1	#4 SFD Scrubber	1978 modified in plant	6" to 15"
575-2	#5 SFD Scrubber	1995	6" to 15"
575-3	#6 SFD Scrubber	1992	6" to 15"
5549-1	#1 SD Scrubber	1999	6" to 15"
5549-2	#2 SD Scrubber	1999	6" to 15"

- (c) The Permittee shall monitor the total static pressure drop across the scrubber at least once daily from the scrubber controlling emissions from unit 5549-28 when 5549-28 is in operation. When, for any one reading, the pressure drop across the scrubber is outside the normal range of ~~4.0 and 12.0~~ **6.0 to 15.0** inches of water, or a range that indicates proper operation of the unit, the Permittee shall take reasonable response steps in accordance with Section C - **Response to Excursions or Exceedances** ~~Compliance Response Plan - Preparation, Implementation, Records, and Reports~~. 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** ~~Compliance Response Plan - Preparation, Implementation, Records and Reports~~, shall be considered a deviation from this permit.
- (d) **A continuous monitoring system shall be calibrated, maintained, and operated on the thermal oxidizer for measuring operating temperature. The output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever the three (3) hour average temperature of the thermal oxidizer is below 1400°F. A three (3) hour average temperature that is below 1400°F 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.**
- (e) **The Permittee shall determine the three (3) hour average temperature from the most recent valid stack test that demonstrates compliance with limits in conditions D.1.1, D.1.2 and D.1.3, as approved by IDEM.**
- (f) **On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever the three (3) hour average temperature of the thermal oxidizer is below the three (3) hour average temperature as observed during the compliant stack test. A three (3) hour average temperature that is below the three (3) hour average temperature as observed during the compliant stack test 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.**

- ~~(d)~~**(g)** The instruments used for determining the pH, pressure drop, or flow rate, **and temperature** shall comply with Section C - ~~Pressure Gauge and Other Instrument Specifications~~, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated, maintained, and operated according to the Preventive Maintenance Plan.

~~D.1.9~~ **Scrubber Inspections**

- ~~(a)~~ An inspection of each scrubber, controlling emissions from units 5502-1A through 5502-1C, 40-4, 40-3, 40-2, 575-1, 575-3, 5549-1, 5549-2, and 575-2, shall be performed each calendar quarter. Inspections required by this condition shall not be performed in consecutive months. Repairs or replacement of defective components shall be performed in accordance with the Preventive Maintenance Plan.
- ~~(b)~~ An inspection of the scrubber controlling emissions from 5549-28 shall be performed semi-annually. Inspections required by this condition shall not be performed in consecutive months. Repairs or replacement of defective components shall be performed in accordance with the Preventive Maintenance Plan.
- ~~(c)~~ Based upon the findings of the inspection, any additional corrective actions will be devised within eight (8) hours of discovery and will include a timetable for completion.

D.1.10 Scrubber Malfunction

In the event that a scrubber malfunction has been observed, the affected unit will be shut down immediately in accordance with safe operating procedures until the failed unit has been repaired or the appropriate components replaced.

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

D.1.11 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1(a)(1), the Permittee shall maintain monthly records of the combined input of corn grind for the units identified in Condition D.1.1(a)(1).
- (b) To document compliance with Conditions D.1.1(a)(2), the Permittee shall maintain monthly records of the combined input of starch for units 5549-1 and 5549-2.
- (c) To document compliance with Condition D.1.1(a)(4), the Permittee shall maintain monthly records of the total input of natural gas consumed by 5502-1A, 5502-1B, 5502-1C, and 5502-1D.
- (d) To document compliance with Condition D.1.1(e ~~d~~), the Permittee shall maintain monthly records of the amount of starch produced by unit 40-3.
- (e) To document compliance with Condition D.1.3(b), the Permittee shall maintain monthly records of the amount of dry product processed by unit 575-2.
- (f) To document compliance with Condition D.1.4, the Permittee shall maintain monthly records of the amount of methanol emitting corn starch produced and VOC-containing reagent from unit 575-2.
- (g) To document compliance with Condition D.1.78, the Permittee shall maintain records of the once per ~~shift~~ **day** visible emission notations of the stack exhaust.
- (h) To document compliance with Condition **D.1.1(a)(3)** and D.1.89(a), the Permittee shall maintain weekly records of the pH and flow rate of the ~~scrubbing liquid~~ **1st effect wash water system** during normal operations.
- (i) To document compliance with Condition D.1.89(b), the Permittee shall maintain weekly records of the pressure drop across the scrubber and scrubber ~~recirculation~~ **make-up** rate during normal operation.

- (j) To document compliance with Condition D.1.89(c), the Permittee shall maintain daily records of the pressure drop across the scrubber during normal operation.
- (k) To document compliance with Condition D.1.9(d), the Permittee shall maintain continuous records (on a 3-hour average basis) for the RTO (unit 5502-1D) combustion chamber temperature during normal operations.**
- ~~(k) To document compliance with Condition D.1.9, the Permittee shall maintain records of the results of the inspections.~~
- ~~(l) To document compliance with Condition D.1.5, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.~~
- ~~(m)~~**(l)** All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.12 Reporting Requirements

Quarterly summaries of the information to document compliance with Conditions D.1.1, D.1.3 and D.1.4 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The reports submitted by the Permittee do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

....

Compliance Determination Requirements

D.2.5 Particulate Control

- (a) In order to comply with Conditions D.2.1, D.2.2, and D.2.3, the respective baghouses for particulate control, including those integral to the process, shall be in operation and control particulate emissions from the respective facilities listed in this section at all times those facilities are in operation.
- (b) In order to comply with Conditions D.2.1 and D.2.2, the high efficiency cyclones for particulate control shall be in operation and control particulate emissions from facilities 5502-5 and 5502-6 at all times the respective facilities are in operation.
- (c) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.**

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

D.2.6 Visible Emissions Notations

- (a) Visible emission notations of the exhaust from stacks 5549-3, 5549-4, 5503-5, 5503-6, and 5549-13 shall be performed once per ~~shift~~ **day** during normal daylight operations when the respective facilities are in operation. A trained employee shall record whether emissions are normal or abnormal. A notation of abnormal visible emissions is not a deviation from this permit.
- (b) Visible emission notations of the exhaust from stacks 71-9, 5552-1, 5552-2, 5503-2, 5503-3, 5503-4, 577-2, 5503-1, 5502-4, 5502-3, 577-5 through 577-10, 5549-7 through 5549-

10, 5549-12, 5549-14, 5549-16 through 5549-21, and 5549-26 shall be performed once per day during normal daylight operations when the respective facilities are in operation. A trained employee shall record whether emissions are normal or abnormal.

- (c) 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.
- (d) 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.
- (e) 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.
- (f) ~~The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports, shall be considered a deviation from this permit.~~ **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.2.7 Parametric Monitoring for Baghouses

- (a) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with facilities 5503-5, 5503-6, and 5549-13 at least once per ~~shift~~ **day** when the respective facilities are in operation.
- (b) The Permittee shall record the total static pressure drop across the baghouses used in conjunction with facilities 577-2, 5549-20, 5549-21, 5503-2, 5503-3, and 5503-4 at least once per day when the respective facilities are in operation.
- (c) When, for any one reading, the pressure drop across the baghouses are outside the normal range of ~~3.0 and 6.0~~ **1.0 to 8.0** inches of water or a range established during the last stack test, the Permittee shall take reasonable response steps in accordance with ~~Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports~~ **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 - Compliance Response Plan - Preparation, Implementation, Records and Reports,~~ **Section C- Response to Excursions or Exceedances** shall be considered a deviation from this permit.
- (d) The instrument used for measuring the pressure drop shall comply with ~~Section C - Pressure Gauge and Other Instrument Specifications,~~ of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated, maintained, and operated according to the Preventive Maintenance Plan.

~~D.2.8 Baghouse Inspections~~

- ~~(a) An inspection of all bags controlling particulate emissions from facilities 577-2, 5549-20, 5549-21, 5503-2, 5503-3, and 5503-4 shall be performed at least once per calendar year. Inspections required by this condition shall not be performed in consecutive months. Inspections shall also be performed whenever the respective baghouse is out of service for more than 24 consecutive hours. All defective bags shall be replaced.~~
- ~~(b) An inspection shall be performed each calendar quarter of all bags controlling the particulate emissions from facilities 5503-5, 5503-6, and 5549-13. Inspections required by~~

~~this condition shall not be performed in consecutive months. All defective bags shall be replaced.~~

D.2.98 Broken or Failed Bag Detection

~~In the event that bag failure has been observed:~~

~~For single compartment baghouses, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then failed units and the associated process will be shut down immediately until the failed units have 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). If operations continue after bag failure is observed and it will be 10 days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.~~

- (a) For a single compartment baghouse controlling emissions from a process operated continuously, a failed units 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 line. 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 pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

D.2.10 Cyclone Inspections

~~An inspection shall be performed each calendar quarter of the cyclone controlling the emissions from facilities 5502-5 and 5502-6. Inspections required by this condition shall not be performed in consecutive months.~~

D.2.449 Cyclone Failure Detection

~~In the event that cyclone failure has been observed:~~

~~Failed units and the associated process will be shut down immediately until the failed units have 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). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, 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.2.1210 Record Keeping Requirements

- (a) To document compliance with Condition D.2.1(c), the Permittee shall maintain monthly records of the input of starch for unit 5549-13.
- (b) To document compliance with Condition D.2.1(d), the Permittee shall maintain records of the operating schedule for facility 5503-6.
- (c) To document compliance with Condition D.2.6, the Permittee shall maintain records of the once per shift **day** visible emission notations of the stack exhaust.
- (d) To document compliance with Condition D.2.7, the Permittee shall maintain records once per **shift day** of the total static pressure drop during normal operation.
- ~~(e) To document compliance with Conditions D.2.8 and D.2.10, the Permittee shall maintain records of the results of the inspections.~~
- ~~(f) To document compliance with Condition D.2.4, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.~~
- ~~(g)~~**(e)** All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

The records used to document compliance with Conditions D.1.1 are sufficient to document compliance with Conditions D.2.1(b) and D.2.1(c).

D.2.1311 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.2.1(c), (b), and (d) shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Specifically Regulated Insignificant Activities

- (a) Grinding and machining operations controlled with fabric filters with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations: [326 IAC 2-7-1(21)(G)(xxiii)]
 - (1) One (1) DSE Hopper #9, identified as unit 42-3A; [326 IAC 6.5-6-25]
 - (2) One (1) DSE Hopper #10, identified as unit 42-3B; [326 IAC 6.5-6-25]
 - (3) One (1) DSE Hopper #11, identified as unit 42-3C; [326 IAC 6.5-6-25]
 - (4) One (1) DSE Hopper #12, identified as unit 42-3D; [326 IAC 6.5-6-25]
 - (5) One (1) DSE Hopper #13, identified as unit 42-3E; [326 IAC 6.5-6-25]
 - (6) One (1) DSE Hopper #14, identified as unit 42-3F; [326 IAC 6.5-6-25]
 - (7) One (1) DSE Hopper #2, identified as unit 42-7A; [326 IAC 6.5-6-25]

- (8) One (1) DSE Hopper #4, identified as unit 42-7B; [326 IAC 6.5-6-25]
- (9) One (1) DSE Hopper #6, identified as unit 42-7C; [326 IAC 6.5-6-25]
- (10) One (1) DSE Hopper #1, identified as unit 42-8A; [326 IAC 6.5-1-2]
- (11) One (1) DSE Hopper #3, identified as unit 42-8B; [326 IAC 6.5-1-2]
- (12) One (1) DSE Hopper #5, identified as unit 42-8C; [326 IAC 6.5-1-2]
- (13) One (1) DSE Hopper #7, identified as unit 42-8D; [326 IAC 6.5-1-2]
- (14) One (1) CWS #8 Mill Receiver; identified as unit 63-1A; [326 IAC 6.5-1-2]
- (15) One (1) CWS **Entoleter** Mill; identified as unit 63-17; [326 IAC 6.5-1-2]
- ~~(16) One (1) Starch Filter/Receiver 2 Bld 852, identified as unit 152-7; [326 IAC 6.5-1-2]~~
- ~~(17) One (1) Starch Mixer 4 Bld 852A Filter Receiver, identified as unit 152-8; [326 IAC 6.5-1-2]~~
- ~~(18) One (1) Starch Mixer 4 Bld 852A, identified as unit 152-9; [326 IAC 6.5-1-2]~~
- ~~(19) One (1) Starch Mixer 3 Bld 852A Filter Receiver, identified as unit 152-10; [326 IAC 6.5-1-2]~~
- ~~(20) One (1) Starch Mixer 3 Bld 852A, identified as unit 152-11; [326 IAC 6.5-1-2]~~
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6: operations M1 through M4 and RSP shop. [326 IAC 3-7-1(21)(G)(vi)(CC)][326 IAC 8-3-3]
- (c) Paved and unpaved roads and parking lots with public access. [326 IAC 2-7-1(21)(g)(xiii)][326 IAC 6-4]
- (d) Emission units or activities with potential uncontrolled PM10 emissions of less than 5 pounds per hour or 25 pounds per day: [326 IAC 2-7-1(21)(B)]
 - (1) One (1) 152-1 Filter Receiver; [326 IAC 6.5-1-2]
 - (2) One (1) 152-2 Mixer baghouse; [326 IAC 6.5-1-2]
 - (3) One (1) 152-3 Starch Cooler Filter Receiver Bld 852; [326 IAC 6.5-1-2]
 - (4) One (1) 152-4 Starch Mixer 2 Filter/Receiver Bld 852A; [326 IAC 6.5-1-2]
 - (5) One (1) 152-5 Starch Mixer 2 Bld 852A; [326 IAC 6.5-1-2]
 - (6) One (1) 152-6 Starch Storage Hopper; [326 IAC 6.5-1-2]
 - (7) One (1) 128-3 Starch Hopper D/C; [326 IAC 6.5-1-2]
 - (8) One (1) DSW Chemical Blender Bag Slitter, identified as unit 61-15; [326 IAC 6.5-1-2]
 - (9) One (1) DSE Hopper #8, identified as unit 42-4; [326 IAC 6.5-6-25]
 - (10) One (1) Dextrin #1 System Cooler Conveyor, identified as unit 61-3; [326 IAC 6.5-1-2]

- (11) One (1) Dextrin Flash Dryer, identified as unit 61-9; [326 IAC 6.5-6-25]
- (12) One (1) Dextrin #3 System Cooler, identified as unit 61-22; [326 IAC 6.5-1-2]
- (13) One (1) Dextrin #2 System Cooler Conveyor, identified as unit 61-23; [326 IAC 6.5-1-2]
- (14) One (1) CWS South Conveying, identified as unit 63-4; [326 IAC 6.5-1-2]
- (15) One (1) CWS North Conveying, identified as unit 63-5; [326 IAC 6.5-1-2]
- (16) One (1) DSE North Packer, identified as unit 42-1; [326 IAC 6.5-6-25]
- (17) One (1) DSE South Packer, identified as unit 42-9; [326 IAC 6.5-1-2]
- (18) One (1) sodium sulfate conveying system, identified as unit 40-1; [326 IAC 6.5-1-2]
- (19) One (1) DSE Negative Receiver, identified as unit 42-6; [326 IAC 6.5-6-25]
- (20) One (1) DSE Railcar Loading - East Track, identified as unit 42-11; [326 IAC 6.5-1-2]
- (21) One (1) DSE Railcar Loading - West Track, identified as unit 42-12; [326 IAC 6.5-1-2]
- (22) One (1) Dextrin #1 System Mixer, identified as unit 61-1; [326 IAC 6.5-1-2]
- (23) One (1) Dextrin #1 System Cookers, identified as unit 61-2; [326 IAC 6.5-1-2]
- (24) One (1) Dextrin #2 System Mixer, identified as unit 61-6; [326 IAC 6.5-6-25]
- (25) Two (2) Dextrin #2 System East and West Tanks, identified as unit 61-7; [326 IAC 6.5-1-2]
- (26) One (1) Starch Storage Silo #3 Receiver, identified as unit 61-11; [326 IAC 6.5-1-2]
- (27) One (1) Starch Storage Silo #1 Receiver, identified as unit 61-12; [326 IAC 6.5-1-2]
- (28) One (1) Starch Storage Silo #1, identified as unit 61-13; [326 IAC 6.5-1-2]
- (29) One (1) Dextrin #1 System Packer, identified as unit 61-14; [326 IAC 6.5-6-25]
- (30) One (1) DSW Chemical Blender Tank; identified as unit 61-14A; [326 IAC 6.5-6-25]
- (31) One (1) Dextrin System Acidifiers; identified as unit 61-16; [326 IAC 6.5-1-2]
- (32) One (1) Dextrin #2 System Cooler; identified as unit 61-18; [326 IAC 6.5-1-2]
- (33) One (1) Dextrin #3 System Cookers; identified as unit 61-19; [326 IAC 6.5-1-2]
- (34) One (1) Starch Storage Silo #2; identified as unit 61-20; [326 IAC 6.5-1-2]
- (35) One (1) Starch Storage Silo #2 Receiver; identified as unit 61-21; [326 IAC 6.5-1-2]
- (36) One (1) Dextrin #3 System Mixer; identified as unit 61-24; [326 IAC 6.5-1-2]
- (37) One (1) Dextrin #3 System West Tank; identified as unit 61-25; [326 IAC 6.5-1-2]
- (38) One (1) Dextrin #3 System East Tank; identified as unit 61-26; [326 IAC 6.5-1-2]

- (39) One (1) Grain Elevator, identified as unit 56-2; [326 IAC 6.5-6-25]
- (40) One (1) CWS #7 Dryer Receiver; identified as unit 63-3; [326 IAC 6.5-1-2]
- (41) One (1) CWS Packer; identified as unit 63-9; [326 IAC 6.5-1-2]
- (42) One (1) Liquid Glue Bag Dump; identified as unit 63-12; [326 IAC 6.5-1-2]
- (43) One (1) CWS #9 and #10 Dryers Receiver; identified as unit 63-15; [326 IAC 6.5-1-2]
- (44) One (1) CWS #11, #12, and #13 Dryers; identified as unit 63-16; [326 IAC 6.5-1-2]
- (45) One (1) Starch Hopper D/C, identified as unit 128-3; [326 IAC 6.5-1-2]
- (46) One (1) CWS South Raw Material Dump; identified as unit 63-18; [326 IAC 6.5-1-2]
- (47) One (1) DSW Negative Receiver; identified as unit 63-20; [326 IAC 6.5-1-2]
- (48) Two (2) DSW Hoppers #17 and #18; identified as unit 71-2; [326 IAC 6.5-6-25]
- (49) One (1) Dextrin Packer; identified as unit 71-3; [326 IAC 6.5-1-2]
- (50) One (1) DSW Hopper #13, identified as unit 71-4A; [326 IAC 6.5-6-25]
- (51) One (1) DSW Hopper #1; identified as unit 71-5A; [326 IAC 6.5-6-25]
- (52) One (1) DSW Hopper #2; identified as unit 71-5B; [326 IAC 6.5-6-25]
- (53) One (1) DSW Hopper #3; identified as unit 71-5C; [326 IAC 6.5-6-25]
- (54) One (1) DSW Hopper #4; identified as unit 71-5D; [326 IAC 6.5-6-25]
- (55) One (1) DSW Hopper #5; identified as unit 71-5E; [326 IAC 6.5-6-25]
- (56) One (1) DSW Hopper #6; identified as unit 71-5F; [326 IAC 6.5-6-25]
- (57) One (1) DSW Hopper #7; identified as unit 71-5G; [326 IAC 6.5-6-25]
- (58) One (1) DSW Hopper #8; identified as unit 71-5H; [326 IAC 6.5-6-25]
- (59) One (1) DSW Hopper #9; identified as unit 71-5I; [326 IAC 6.5-6-25]
- (60) One (1) DSW Hopper #10; identified as unit 71-5J; [326 IAC 6.5-6-25]
- (61) One (1) DSW Hopper #11; identified as unit 71-5K; [326 IAC 6.5-6-25]
- (62) One (1) DSW Hopper #12; identified as unit 71-5L; [326 IAC 6.5-6-25]
- (63) One (1) DSW Bulk Car Loading; identified as unit 71-8; [326 IAC 6.5-1-2]
- (64) One (1) RSP Bulk Bag Packing; identified as unit 577-1; [326 IAC 6.5-1-2]
- (65) One (1) RSP Bulk Loading System A; identified as unit 577-4; [326 IAC 6.5-1-2]
- (66) One (1) RSP Bulk Loading Fugitive Dust Collector; identified as unit 577-4A; [326 IAC 6.5-1-2]
- (67) One (1) CWS Packing Hopper; identified as unit 578-2; [326 IAC 6.5-1-2]

- ~~(68)~~ One (1) CWS Bagging Line, identified as unit 578-1; [326 IAC 6.5-1-2]
- ~~(69)~~**(68)** One (1) CWS Milling System, identified as unit 578-3; [326 IAC 6.5-1-2]
- ~~(70)~~**(69)** One (1) CATO Cooling and Conveying, identified as unit 581-2; [326 IAC 6.5-1-2]
- ~~(71)~~**(70)** One (1) RSP South Packing Line, identified as unit 577-3; [326 IAC 6.5-1-2]
- (71) One (1) Starch Filter/Receiver 2 Bld 852, identified as unit 152-7; [326 IAC 6.5-1-2]**
- (72) One (1) Starch Mixer 4 Bld 852A Filter Receiver, identified as unit 152-8; [326 IAC 6.5-1-2]**
- (73) One (1) Starch Mixer 4 Bld 852A, identified as unit 152-9; [326 IAC 6.5-1-2]**
- (74) One (1) Starch Mixer 3 Bld 852A Filter Receiver, identified as unit 152-10; [326 IAC 6.5-1-2]**
- (75) One (1) Starch Mixer 3 Bld 852A, identified as unit 152-11; [326 IAC 6.5-1-2]**
- (76) One (1) FG Bulk Bag Bin Vent Bld 800, identified as unit FA-60582; [326 IAC 6.5-1-2]**
- (77) One (1) Blending Bin identified as unit TF31901 venting through product recovery DC-31901, Bld 630, venting out stack 1; [326 IAC 6.5-1-2]**
- (78) One (1) Base Bin identified as unit TF31902 venting through product recovery DC-31902, Bld 630, venting out stack 2; [326 IAC 6.5-1-2]**
- (79) One (1) Product Bin identified as unit TF31991 venting through product recovery DC-31991, Bld 630, venting out stack 3; [326 IAC 6.5-1-2]**
- (80) One (1) Surge Tank Bin identified as unit SH31913 venting through product recovery DC-31911, Bld 630, venting out stack 7; [326 IAC 6.5-1-2]**
- (81) One (1) Bulk Bag Unload Bin with integral dust collector , identified as unit DC-31900, Bld 630, venting out stack 8; [326 IAC 6.5-1-2]**
- (82) One (1) FBR exhaust through product recovery metal filters, Bld 630, identified as unit TR31912 venting out stack 5; [326 IAC 6.5-1-2]**
- (83) One (1) starch dryer identified as unit T-1, constructed in 2005, with emissions controlled by integral product collector/cyclone and duct collector and exhausting through T-1 stack; [326 IAC 6.5-1-2]**
- (84) One (1) Line 1 South Packing Hopper, identified as unit 5549-22, with a maximum production rate of 300 lbs/hr, constructed in 2006, with emissions controlled by integral product collector and exhausting through stack 5549-22. [326 IAC 6.5-1-2]**

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

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- (4) The expiration date on the cover page has been changed from April 13, 2009 to April 14, 2009.

Conclusion and Recommendation

The construction and operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Minor Source Modification No. 097-23599-00042 and Significant Permit Modification 097-20891-00042. The staff recommends to the Commissioner that the Part 70 Minor Source Modification and Significant Permit Modification be approved.

Appendix A: Process Particulate Emissions

Company Name: National Starch and Chemical Company
Address City IN Zip: 1515 South Drover Street
Permit Modification: SPM097-20891-00042
Plt ID: 097-00042
Reviewer: Linda Quigley/EVP
Date: July 17, 2006

Potential Emissions (tons/year)						
Baghouses						
Process	No. of Units	Grain Loading per Actual Cubic Foot of Outlet Air	Air to Cloth Ratio Air Flow (acfm/ft²)	Total Filter Area (ft²)	Control Efficiency	Total (tons/yr)
5549-22 Line 1 North Packer	1	0.01000	4800.0	1	99.90%	1.80
Total Emissions Based on Rated Capacity at 8,760 Hours/Year and source controls						

Methodology:

Federal Potential (controlled):

Baghouse (tons/yr) = No. Units * Loading (grains/acf) * Air/Cloth Ratio (acfm/ft²) * Filter Area (ft²) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs
 PTE is calculated on grain loading and after the interal baghouse

Process	No. of Units	Maximum Production Rate (lbs/hr)	Efficiency of Cyclone (%)	Starch Recovered (lbs/hr)	Emissions Rate (lbs/hr)	Total (tons/yr)
T-1 Starch Dryer	1	300	99.7	299.1	0.9	3.94

Methodology:

Emission rate (lbs/hr) = maximum production rate (lbs/hr) - [maximum production rate (lbs/hr) * efficiency of cyclone]
 PTE = emission rate (lbs/hr) * 8760 hours/year * 1 ton/2000 lbs
 the cyclone is considered integral to the process