INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Commissioner

Significant Source Modification to a Part 70 Source

OFFICE OF AIR QUALITY

MGPI of Indiana
7 Ridge Avenue
Lawrenceburg, Indiana 47025

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17. This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-7-10.5, applicable to those conditions.

Significant Source Modification No.: 029-35496-00005	
Issued by: Jenny Acker, Section Chief, Permits Branch Office of Air Quality	Issuance Date:

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Attachment B: 40 CFR Part 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Attachment C: 40 CFR 63 Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters

SECTION A SOURCE SUMMARY

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

A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary distilled spirits production source.

Source Address:	7 Ridge Avenue, Lawrenceburg, Indiana 47025
General Source Phone Number:	812-496-0013
SIC Code:	2085
County Location:	Dearborn
Source Location Status:	Nonattainment under the 8-hour ozone standard Attainment for all other criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source, under PSD and Emission Offset Rules Major Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(14)]

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

(a) One (1) grain receiving and pneumatic conveyor, identified as EU-11, installed prior to 1950, equipped with a dust collector, exhausting to Stack S-103, capacity: 28.0 tons of corn, rye, barley and/or malt per hour.

(b) One (1) corn receiving and storage system, identified as EU-12, installed in 1997, consisting of the following equipment:

(1) One (1) unloading hopper, equipped with baghouse using fabric filters for particulate matter control exhausting to Stack S-111, capacity: 196 tons of corn per hour.

(2) One (1) conveyor and bucket elevator, equipped with baghouse using fabric filters for particulate matter control exhausting to Stack S-111, capacity: 196 tons of corn per hour.

(3) One (1) storage silo, equipped with baghouse using fabric filters for particulate matter control, exhausting to Stack S-111, capacity: 75,000 bushels of corn.

(4) One (1) grain cleaner, equipped with baghouse using fabric filters for particulate matter control, exhausting to Stack S-111, capacity: 26.6 tons of corn per hour.

(5) One (1) grain transport system, equipped with baghouse using fabric filters for particulate matter control, exhausting to Stack S-112, capacity: 26.6 tons of corn per hour.

(c) Seven (7) storage bins, collectively identified as EU-13, installed prior to 1950, equipped with baghouse using fabric filters for particulate matter control, exhausting inside, five (5) with a capacity of 8,000 bushels, each and two (2) with a capacity of 4,000 bushels, each.

(d) Six (6) hammermills and hopper, collectively identified as EU-14, installed prior to 1950, equipped with a baghouse for particulate matter control, exhausting inside through Stack S-104, capacity: 109,760 pounds of grain per hour, total.

(e) Three (3) multi-column stills and five (5) distillation columns, collectively identified as EU-20, installed prior to 1950, consisting of the following:

(1) One (1) spirits still (V-2), exhausting to Stack S-210, capacity: 583 proof gallons per hour,

(2) One (1) spirits still (V-3), exhausting to Stack S-210, capacity: 750 proof gallons per hour,

(3) One (1) spirits still (V-15), exhausting to Stack S-210, capacity: 3,750 proof gallons per hour;

(4) One (1) distillation column, exhausting to Stack S-211, and

(5) Four (4) unused distillation columns, exhausting to Stack S-211.

(f) EU-21, consisting of the following units:

(1) Three (3) open fermenters, installed prior to 1950, exhausting to Stack S-201, capacity: 25,300 gallons, each.

(2) Five (5) open fermenters, installed in 2004, exhausting to Stack S-201, capacity: 27,854 gallons, each.

(3) Three (3) open fermenters, installed in 2005, exhausting to Stack S-201, capacity: 27,854 gallons, each.

(4) Three (3) open fermenters, installed in 2006, exhausting to Stack S-201, capacity: 27,854 gallons, each.

(g) Twenty-four (24) closed fermenters, collectively identified as EU-22, installed prior to 1950, equipped with one (1) ethanol scrubber that operates when the fermentation vent stream is routed for CO_2 recovery, exhausting to Stack S-202, capacity: 55,000 gallons, each.

(h) Two (2) beer wells, identified as EU-23 and EU-24, installed prior to 1950, exhausting to Stacks S-203 and S-204 respectively, capacity: 38,886 and 102,098 gallons, respectively.

(i) Three (3) beer stills, collectively identified as EU-25, installed prior to 1950, exhausting to Stack S-205, consisting of the following:

(1) Still #25, capacity: 4,600 gallons per hour,

(2) Still #26, capacity: 14,600 gallons per hour; and

(3) Still #31, capacity: 12,000 gallons per hour.

(j) Two (2) column & kettles, collectively identified as EU-26, installed prior to 1950, exhausting to Stack S-206, capacity: 727 proof gallons per hour, each.

(k) Three (3) gin stills (#10, #22, and #23), collectively identified as EU-27, installed prior to 1950, exhausting to Stack S-207, capacity: 600 proof gallons per hour, each.

(l) One (1) doubler still, identified as EU-29, installed prior to 1950, exhausting to Stack S-209, capacity: 672 proof gallons per hour.

(m) Four (4) paddle screens, collectively identified as EU-31, installed prior to 1950, exhausting to Stack S-301, capacity: 56,000 pounds per hour, each.

(n) Five (5) rotary dryers, one (1) cooler and one (1) transport system, collectively identified as EU-32, installed prior to 1950, consisting of the following:

(1) Two (2) rotary dryers, exhausting to Stacks S-305 and S-306, each equipped with a wet scrubber, capacity: 25,500 pounds of grain per hour inlet, each,

(2) Three (3) rotary dryers, exhausting to Stacks S-307 through S-309, each controlled by a wet scrubber, capacity: 14,500 pounds of grain per hour inlet, each; and

(3) One (1) cooler, with a maximum throughput of 9.56 tons of DDG per hour, with emissions uncontrolled.

(4) One (1) transport system, with a maximum throughput of 9.56 tons of DDG per hour, approved for modification in 2015, controlled by a cyclone, exhausting to Stack S- 310~~, capacity: 13,000 pounds of grain per hour~~, and consisting of the following:

(A) One (1) hammermill.

(B) Four (4) screw conveyors.

(C) Two (2) drag conveyors.

(D) Three (3) product conveyors.

(E) One (1) K-valve.

(o) Three (3) conveyors, collectively identified as EU-33, installed prior to 1950, exhausting to Stacks S-302 through S-304, capacity: 38,000 pounds of grain per hour, each.

(p) One (1) DDG (Distillers Dried Grain) loadout system, installed in 1997, consisting of the following:

(1) Two (2) storage silos, and two (2) surge hoppers, collectively identified as EU-34, equipped with two (2) dust collectors, exhausting to Stacks S-341 through S-344, capacity: 13,100 cubic feet, total for the two (2) storage silos, each and 14,000 pounds of grain per hour, each, for the two (2) surge hoppers.

(2) One (1) air transport system and scale to the rail car loading area, identified as EU-35, controlled by a dust collector, exhausting to Stack S-350, capacity: 14,000 pounds of grain per hour.

(3) One (1) air transport system and scale to the truck loading area, identified as EU-36, controlled by a dust collector, exhausting to Stack S-360, capacity: 14,000 pounds of grain per hour.

(4) One (1) rail car loader, identified as EU-37, exhausting to Stack S-370, capacity: 14,000 pounds of grain per hour.

(5) One (1) truck loader, identified as EU-38, exhausting to Stack S-380, capacity: 14,000 pounds of grain per hour.

(q) One (1) DDG dryer operation, approved in 2015 for construction, identified as EU-39, with emission controlled by four (4) cyclones (CE-39a) and an 8 MMBtu/hr RTO (CE-39b), exhausting to stack S-320, and consisting of the following:

(1) One (1) DDG Dryer, with a maximum heat input of 45 MMBtu/hr and a maximum throughput of 9.56 tons/hr DDG.

(2) One (1) screw K-valve, identified as Screw #1 K-Valve.

(3) Three (3) enclosed feed conveyors, identified as #11 - #13.

(4) One (1) agitator mixer and inlet screw.

(r) One (1) wet cake storage pad, approved in 2015 for construction, identified as EU-40, with a maximum throughput of 24.56 tons per hour wet cake, with emissions uncontrolled.

(s) One (1) wine room, identified as EU-41, consisting of forty-three (43) organic liquid storage tanks, installed prior to 1950, exhausting to Stack S-410, capacity: 524,504 gallons of ethanol, total and a throughput of 32,000,000 proof gallons per year, total, consisting of the following:

(1) Thirty-five (35) organic liquid storage tanks, installed prior to 1950, capacity: 467,518 gallons of ethanol, total.

(2) Eight (8) organic liquid storage tanks, installed in 1988, capacity: 56,986 gallons of ethanol, total.

(t) One (1) tank farm, identified as EU-42, consisting of nine (9) organic liquid storage tanks, installed prior to 1950, exhausting to Stack S-420, capacity: 750,000 gallons of ethanol, each.

(u) EU-43, consisting of the following units:

(1) One (1) Bldg. 88, consisting of twenty-seven (27) organic liquid storage tanks, installed in 1989, exhausting to Stack S-430, capacity: 489,250 gallons of ethanol, total.

(2) One (1) rum handling area, installed in 1997, exhausting to the atmosphere, capacity: 3,501,429 gallons of rum.

(v) One (1) mini tank farm, identified as EU-45, consisting of eight (8) tanks:

(1) Seven organic liquid storage (7) tanks, installed in 1989, exhausting to Stack S-435, capacity: 779,800 gallons of ethanol, total.

(2) One (1) organic liquid storage tank, installed in 1994, capacity: 3,500 gallons of ethanol.

(w) One (1) barrel filling and emptying operation, identified as EU-61, installed prior to 1950, exhausting to Stack S-610, with a throughput capacity of 13,000,000 proof gallons and 12,775,000 proof gallons of whiskey and gin per year, respectively, and a maximum capacity of 29,700 gallons of whiskey and gin per hour.

(x) One (1) Warehouse C, identified as EU-71, installed prior to 1950, exhausting to Vent 701, capacity: 69,306 barrels.

(y) One (1) Warehouse E, identified as EU-72, installed prior to 1950, exhausting to Vent 702, capacity: 101,032 barrels.

(z) One (1) Warehouse G, identified as EU-73, installed prior to 1950, exhausting to Vent 703, capacity: 84,097 barrels.

(aa) One (1) Warehouse J & M, identified as EU-74, installed prior to 1950, exhausting to Vent 704, capacity: 100,000 barrels.

(bb) One (1) Warehouse L, identified as EU-75, installed prior to 1950, exhausting to Vent 705, capacity: 93,438 barrels.

(cc) One (1) Warehouse N, identified as EU-76, installed prior to 1950, exhausting to Vent 706, capacity: 93,405 barrels.

(dd) One (1) steam boiler, identified as EU-96, installed in 1977, using natural gas and exhausting to Stack S-906, heat input capacity: 244 million British thermal units per hour.

Under 40 CFR 63, Subpart DDDDD, this facility is an affected unit.

(ee) One (1) natural gas fired steam boiler, identified as EU-97, using #2 fuel oil as back-up, installed in 1992, exhausting to Stack S-907, heat input capacity: 47.6 million British thermal units per hour using natural gas and 45.6 million British thermal units using #2 fuel oil.

Under 40 CFR 60, Subpart Dc, this facility is considered an industrial, institutional, or commercial boiler. Under 40 CFR 63, Subpart DDDDD, this facility is an affected unit.

(ff) One (1) loading rack system, consisting of four (4) rail car and four (4) truck loading racks, identified as EU-46, installed in 1989, exhausting to the atmosphere, capacity: 31,000,000 gallons of ethanol per year.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)]

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

(a) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].

(b) Emergency generators as follows: diesel generators not exceeding 1,600 horsepower.

(1) One (1) Diesel-fired emergency generator, with a maximum capacity of 1600 hp and installed in 1999. [326 IAC 2-2]

Under 40 CFR Part 63, Subpart ZZZZ, this generator is an affected unit.

(c) Other emergency equipment as follows: stationary fire pumps.

(1) One (1) Diesel-fired emergency fire water pump with a maximum capacity of 235 horsepower and installed in 1996. [326 IAC 2-2]

Under 40 CFR Part 63, Subpart ZZZZ, this generator is an affected unit.

(d) 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 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations [326 IAC 6-3-2].

(e) A gasoline and fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons.

(1) One (1) gasoline tank, with a maximum capacity of 200 gallons and a monthly throughput less than 100 gallons.

(f) Activities associated with emergencies, including natural gas reciprocating engines not exceeding 16,000 horsepower.

(1) One (1) Natural gas-fired emergency generator, with a maximum capacity of 0.121 MMBtu/hr and installed in 2005. [326 IAC 2-2]

Under 40 CFR Part 63, Subpart ZZZZ, this generator is an affected unit.

A.4 Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)]

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

(a) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.

(1) One (1) diesel fuel tank with storage capacity of 200 gallons.

(b) The following VOC and HAP storage containers: storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons; vessels storing lubricating oil, hydraulic oils, machining oils, and machining fluids.

(c) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6, constructed before 1970.

(d) Cleaners and solvents characterized as follows: having a vapor pressure equal to or less than 2 kiloPascals; 15 millimeters of mercury; or 0.3 pounds per square inch measured at 38˚C (100˚F) or; having a vapor pressure equal to or less than 0.7 kiloPascals; 5 milli-

meters of mercury; or 0.1 pounds per square inch measured at 20˚C (68˚F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.

(e) Closed loop heating and cooling systems.

(f) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1 percent by volume.

(g) Any operation using aqueous solutions containing less than 1 percent by weight of VOCs excluding HAPs.

(h) Water based adhesives that are less than or equal to 5 percent by volume of VOCs excluding HAPs.

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

(j) Asbestos abatement projects regulated by 326 IAC 14-10.

(k) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.

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

A.5 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, T029-32119-00005, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

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

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

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

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

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

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

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

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

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

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

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

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

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

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

(a) A certification required by this permit meets the requirements of 326 IAC 2-7-6(1) if:

(1) it contains a certification by a "responsible official" as defined by 326 IAC 2-7-1(35), and

(2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

(c) A "responsible official" is defined at 326 IAC 2-7-1(35).

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

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

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

and

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

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

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(12)][326 IAC 1-6-3]

(a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

The Permittee shall implement the PMPs.

(b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

The Permittee shall implement the PMPs.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The

PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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 or Southeast Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

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

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

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

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

The notice fulfills the requirement of 326 IAC 2-7-5(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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(8) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

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

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

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

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

(b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

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

(a) All terms and conditions of permits established prior to T029-~~3211~~35496-00005 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 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

(1) That this permit contains a material mistake.

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

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

Request for renewal shall be submitted to:

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

(b) A timely renewal application is one that is:

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

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

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified, pursuant to 326 IAC 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

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

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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.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 or notice 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) or (c) without a prior permit revision, if each of the following conditions is met:

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

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

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

(4) The Permittee notifies the:

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

and

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

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

(5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b)(1) and (c)(1). The Permittee shall make such records available, upon reasonable request, for public review.

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

(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(37)) 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ or U.S. EPA is required.

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

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

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

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

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(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 within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.24 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314][326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

C.2 Opacity [326 IAC 5-1]

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

(a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

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

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

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

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

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

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

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

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

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of

326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

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

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

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

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

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

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

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

(f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to

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

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

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

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)][40 CFR 64][326 IAC 3-8]

(a) For new units:
Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.

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

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

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

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) For monitoring required by CAM, at all times, the Permittee shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(d) For monitoring required by CAM, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the Permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of this part, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

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. The analog instrument shall be capable of measuring values outside of the normal range.

(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 maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.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 [40 CFR 64][326 IAC 3-8][326 IAC 2-7-5][326 IAC 2-7-6]

(I) Upon detecting an excursion where a response step is required by the D Section, or an exceedance of a limitation, not subject to CAM, in this permit:

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

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) initial inspection and evaluation;

(2) recording that operations returned or are returning to normal without operator action (such as through response by a computerized distribution control system); or

(3) any necessary follow-up actions to return operation to normal or usual manner of operation.

(c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:

(1) monitoring results;

(2) review of operation and maintenance procedures and records; and/or

(3) inspection of the control device, associated capture system, and the process.

(d) Failure to take reasonable response steps shall be considered a deviation from the permit.

(e) The Permittee shall record the reasonable response steps taken.

(II)

(a) CAM *Response to excursions or exceedances.*

(1) Upon detecting an excursion or exceedance, subject to CAM, the Permittee shall restore operation of the pollutant-specific emissions unit (including the 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. 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). Such actions may include initial

inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or 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.

(2) 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, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.

(b) If the Permittee identifies a failure to achieve compliance with an emission limitation, subject to CAM, or standard, subject to CAM, for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the Permittee shall promptly notify the IDEM, OAQ and, if necessary, submit a proposed significant permit modification to this permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.

(c) Based on the results of a determination made under paragraph (II)(a)(2) of this condition, the EPA or IDEM, OAQ may require the Permittee to develop and implement a QIP. The Permittee shall develop and implement a QIP if notified to in writing by the EPA or IDEM, OAQ.

(d) Elements of a QIP:
The Permittee shall maintain a written QIP, if required, and have it available for inspection. The plan shall conform to 40 CFR 64.8 b (2).

(e) If a QIP is required, the Permittee shall develop and implement a QIP as expeditiously as practicable and shall notify the IDEM, OAQ if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.

(f) Following implementation of a QIP, upon any subsequent determination pursuant to paragraph (II)(a)(2) of this condition the EPA or the IDEM, OAQ may require that the Permittee make reasonable changes to the QIP if the QIP is found to have:

(1) Failed to address the cause of the control device performance problems; or

(2) Failed to provide adequate procedures for correcting control device performance problems as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

(g) Implementation of a QIP shall not excuse the Permittee from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable requirements under the Act.

(h) *CAM recordkeeping requirements.*

(1) The Permittee shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to paragraph (II)(a)(2) of this condition and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under this condition (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Section C - General Record Keeping Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.

(2) Instead of paper records, the owner or operator may maintain records on alternative media, such as microfilm, computer files, magnetic tape disks, or microfiche, provided that the use of such alternative media allows for expeditious inspection and review, and does not conflict with other applicable recordkeeping requirements

C.15 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 submit a description of its response actions to IDEM, OAQ no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline.

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

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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]

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(33) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

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

The emission statement does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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. Support information includes the following, where applicable:

(AA) All calibration and maintenance records.

(BB) All original strip chart recordings for continuous monitoring instrumentation.

(CC) Copies of all reports required by the Part 70 permit.

Records of required monitoring information include the following, where applicable:

(AA) The date, place, as defined in this permit, and time of sampling or measurements.

(BB) The dates analyses were performed.

(CC) The company or entity that performed the analyses.

(DD) The analytical techniques or methods used.

(EE) The results of such analyses.

(FF) The operating conditions as existing at the time of sampling or measurement.

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

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

(c) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A), 326 IAC 2-2-8 (b)(6)(B), 326 IAC 2-3-2 (l)(6)(A), and/or 326 IAC 2-3-2 (l)(6)(B)) that a “project” (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a “major modification” (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(y)) may

result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:

(1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) 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(pp)(2)(A)(iii) and/or 326 IAC 2-3-1 (kk)(2)(A)(iii); and

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

(d) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A) and/or 326 IAC 2-3-2 (l)(6)(A)) that a "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:

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

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

C.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][40 CFR 64][326 IAC 3-8]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after

the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

On and after the date by which the Permittee must use monitoring that meets the requirements of 40 CFR Part 64 and 326 IAC 3-8, the Permittee shall submit CAM reports to the IDEM, OAQ.

A report for monitoring under 40 CFR Part 64 and 326 IAC 3-8 shall include, at a minimum, the information required under paragraph (a) of this condition and the following information, as applicable:

(1) Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;

(2) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and

(3) A description of the actions taken to implement a QIP during the reporting period as specified in Section C-Response to Excursions or Exceedances. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

The Permittee may combine the Quarterly Deviation and Compliance Monitoring Report and a report pursuant to 40 CFR 64 and 326 IAC 3-8.

(b) The address for report submittal is:

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

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.

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

(1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C- General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C- General Record

Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1 (ww) and/or 326 IAC 2-3-1 (pp), 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).

(f) The report for project at an existing emissions unit shall be submitted no later than sixty (60) days after the end of the year and contain the following:

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

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

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

(4) Any other information that the Permittee wishes to include in this report such as an explanation as to why the emissions differ from the preconstruction projection.

Reports required in this part shall be submitted to:

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

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

Stratospheric Ozone Protection

C.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 applicable standards for recycling and emissions reduction.

SECTION D.1 FACILITY OPERATION CONDITIONS

Emission Unit Description: Grain Handling, Fermentation, and Distillation

(a) One (1) grain receiving and pneumatic conveyor, identified as EU-11, installed prior to 1950, equipped with a dust collector, exhausting to Stack S-103, capacity: 28.0 tons of corn, rye, barley and/or malt per hour.

(b) One (1) corn receiving and storage system, identified as EU-12, installed in 1997, consisting of the following equipment:

(1) One (1) unloading hopper, equipped with baghouse using fabric filters for particulate matter control exhausting to Stack S-111, capacity: 196 tons of corn per hour.

(2) One (1) conveyor and bucket elevator, equipped with baghouse using fabric filters for particulate matter control exhausting to Stack S-111, capacity: 196 tons of corn per hour.

(3) One (1) storage silo, equipped with baghouse using fabric filters for particulate matter control, exhausting to Stack S-111, capacity: 75,000 bushels of corn.

(4) One (1) grain cleaner, equipped with baghouse using fabric filters for particulate matter control, exhausting to Stack S-111, capacity: 26.6 tons of corn per hour.

(5) One (1) grain transport system, equipped with baghouse using fabric filters for particulate matter control, exhausting to Stack S-112, capacity: 26.6 tons of corn per hour.

(c) Seven (7) storage bins, collectively identified as EU-13, installed prior to 1950, equipped with baghouse using fabric filters for particulate matter control, exhausting inside, five (5) with a capacity of 8,000 bushels, each and two (2) with a capacity of 4,000 bushels, each.

(d) Six (6) hammermills and hopper, collectively identified as EU-14, installed prior to 1950, equipped with a baghouse for particulate matter control, exhausting inside through Stack S-104, capacity: 109,760 pounds of grain per hour, total.

(e) Three (3) multi-column stills and five (5) distillation columns, collectively identified as EU-20, installed prior to 1950, consisting of the following:

(1) One (1) spirits still (V-2), exhausting to Stack S-210, capacity: 583 proof gallons per hour,

(2) One (1) spirits still (V-3), exhausting to Stack S-210, capacity: 750 proof gallons per hour,

(3) One (1) spirits still (V-15), exhausting to Stack S-210, capacity: 3,750 proof gallons per hour;

(4) One (1) distillation column, exhausting to Stack S-211, and

(5) Four (4) unused distillation columns, exhausting to Stack S-211.

(f) EU-21, consisting of the following units:

(1) Three (3) open fermenters, installed prior to 1950, exhausting to Stack S-201, capacity: 25,300 gallons, each.

(2) Five (5) open fermenters, installed in 2004, exhausting to Stack S-201, capacity: 27,854 gallons, each.

(3) Three (3) open fermenters, installed in 2005, exhausting to Stack S-201, capacity: 27,854 gallons, each.

(4) Three (3) open fermenters, installed in 2006, exhausting to Stack S-201, capacity: 27,854 gallons, each.

(g) Twenty-four (24) closed fermenters, collectively identified as EU-22, installed prior to 1950, equipped with one (1) ethanol scrubber that operates when the fermentation vent stream is routed for CO_2 recovery, exhausting to Stack S-202, capacity: 55,000 gallons, each.

(h) Two (2) beer wells, identified as EU-23 and EU-24, installed prior to 1950, exhausting to Stacks S-203 and S-204 respectively, capacity: 38,886 and 102,098 gallons, respectively.

(i) Three (3) beer stills, collectively identified as EU-25, installed prior to 1950, exhausting to Stack S-205, consisting of the following:

(1) Still #25, capacity: 4,600 gallons per hour,

(2) Still #26, capacity: 14,600 gallons per hour; and

(3) Still #31, capacity: 12,000 gallons per hour.

(j) Two (2) column & kettles, collectively identified as EU-26, installed prior to 1950, exhausting to Stack S-206, capacity: 727 proof gallons per hour, each.

(k) Three (3) gin stills (#10, #22, and #23), collectively identified as EU-27, installed prior to 1950, exhausting to Stack S-207, capacity: 600 proof gallons per hour, each.

(l) One (1) doubler still, identified as EU-29, installed prior to 1950, exhausting to Stack S-209, capacity: 672 proof gallons per hour.

(m) Four (4) paddle screens, collectively identified as EU-31, installed prior to 1950, exhausting to Stack S-301, capacity: 56,000 pounds per hour, each.

(n) Five (5) rotary dryers, one (1) cooler and one (1) transport system, collectively identified as EU-32, installed prior to 1950, consisting of the following:

(1) Two (2) rotary dryers, exhausting to Stacks S-305 and S-306, each equipped with a wet scrubber, capacity: 25,500 pounds of grain per hour inlet, each,

(2) Three (3) rotary dryers, exhausting to Stacks S-307 through S-309, each controlled by a wet scrubber, capacity: 14,500 pounds of grain per hour inlet, each; and

(3) One (1) cooler, with a maximum throughput of 9.56 tons of DDG per hour, with emissions uncontrolled.

(4) One (1) transport system, with a maximum throughput of 9.56 tons of DDG per hour, approved for modification in 2015, controlled by a cyclone, exhausting to Stack S- 310, capacity~~: 13,000 pounds of grain per hour~~, and consisting of the following:

(A) One (1) hammermill.

(B) Four (4) screw conveyors.

(C) Two (2) drag conveyors.

(D) Three (3) product conveyors.

(E) One (1) K-valve.

(o) Three (3) conveyors, collectively identified as EU-33, installed prior to 1950, exhausting to Stacks S-302 through S-304, capacity: 38,000 pounds of grain per hour, each.

(p) One (1) DDG (Distillers Dried Grain) loadout system, installed in 1997, consisting of the following:

(1) Two (2) storage silos, and two (2) surge hoppers, collectively identified as EU-34, equipped with two (2) dust collectors, exhausting to Stacks S-341 through S-344, capacity: 13,100 cubic feet, total for the two (2) storage silos, each and 14,000 pounds of grain per hour, each, for the two (2) surge hoppers.

(2) One (1) air transport system and scale to the rail car loading area, identified as EU-35, controlled by a dust collector, exhausting to Stack S-350, capacity: 14,000 pounds of grain per hour.

(3) One (1) air transport system and scale to the truck loading area, identified as EU-36, controlled by a dust collector, exhausting to Stack S-360, capacity: 14,000 pounds of grain per hour.

(4) One (1) rail car loader, identified as EU-37, exhausting to Stack S-370, capacity: 14,000 pounds of grain per hour.

(5) One (1) truck loader, identified as EU-38, exhausting to Stack S-380, capacity: 14,000 pounds of grain per hour.

(q) One (1) DDG dryer operation, approved in 2015 for construction, identified as EU-39, with emission controlled by four (4) cyclones (CE-39a) and an 8 MMBtu/hr RTO (CE-39b), exhausting to stack S-320, and consisting of the following:

(1) One (1) DDG Dryer, with a maximum heat input of 45 MMBtu/hr and a maximum throughput of 9.56 tons/hr DDG.

(2) One (1) screw K-valve, identified as Screw #1 K-Valve.

(3) Three (3) enclosed feed conveyors, identified as #11 - #13.

(4) One (1) agitator mixer and inlet screw.

(r) One (1) wet cake storage pad, approved in 2015 for construction, identified as EU-40, with a maximum throughput of 24.56 tons per hour wet cake, with emissions uncontrolled.

(s) One (1) wine room, identified as EU-41, consisting of forty-three (43) organic liquid storage tanks, installed prior to 1950, exhausting to Stack S-410, capacity: 524,504 gallons of ethanol, total and a throughput of 32,000,000 proof gallons per year, total, consisting of the following:

(1) Thirty-five (35) organic liquid storage tanks, installed prior to 1950, capacity: 467,518 gallons of ethanol, total.

(2) Eight (8) organic liquid storage tanks, installed in 1988, capacity: 56,986 gallons of ethanol, total.

(t) One (1) tank farm, identified as EU-42, consisting of nine (9) organic liquid storage tanks, installed prior to 1950, exhausting to Stack S-420, capacity: 750,000 gallons of ethanol, each.

(u) EU-43, consisting of the following units:

(1) One (1) Bldg. 88, consisting of twenty-seven (27) organic liquid storage tanks, installed in 1989, exhausting to Stack S-430, capacity: 489,250 gallons of ethanol, total.

(2) One (1) rum handling area, installed in 1997, exhausting to the atmosphere, capacity: 3,501,429 gallons of rum.

(v) One (1) mini tank farm, identified as EU-45, consisting of eight (8) tanks:

(1) Seven organic liquid storage (7) tanks, installed in 1989, exhausting to Stack S-435, capacity: 779,800 gallons of ethanol, total.

(2) One (1) organic liquid storage tank, installed in 1994, capacity: 3,500 gallons of ethanol.

(w) One (1) barrel filling and emptying operation, identified as EU-61, installed prior to 1950, exhausting to Stack S-610, with a throughput capacity of 13,000,000 proof gallons and 12,775,000 proof gallons of whiskey and gin per year, respectively, and a maximum capacity of 29,700 gallons of whiskey and gin per hour.

(x) One (1) Warehouse C, identified as EU-71, installed prior to 1950, exhausting to Vent 701, capacity: 69,306 barrels.

(y) One (1) Warehouse E, identified as EU-72, installed prior to 1950, exhausting to Vent 702, capacity: 101,032 barrels.

(z) One (1) Warehouse G, identified as EU-73, installed prior to 1950, exhausting to Vent 703, capacity: 84,097 barrels.

(aa) One (1) Warehouse J & M, identified as EU-74, installed prior to 1950, exhausting to Vent 704, capacity: 100,000 barrels.

(bb) One (1) Warehouse L, identified as EU-75, installed prior to 1950, exhausting to Vent 705, capacity: 93,438 barrels.

(cc) One (1) Warehouse N, identified as EU-76, installed prior to 1950, exhausting to Vent 706, capacity: 93,405 barrels.

(ff) One (1) loading rack system, consisting of four (4) rail car and four (4) truck loading racks, identified as EU-46, installed in 1989, exhausting to the atmosphere, capacity: 31,000,000 gallons of ethanol per year.

(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 Volatile Organic Compounds (VOC) BACT Limits [326 IAC 8-1-6]

Pursuant to 326 IAC 8-1-6, the Permittee shall comply with the following Best Available Control Technology (BACT) requirements:

(a) The VOC emissions from the DDG dryer (EU-39) shall be controlled by an RTO.

(b) The RTO shall operate with an overall control efficiency, which includes capture and destruction efficiencies, of not less than 98%.

(c) The VOC emissions from the DDG dryer (EU-39) shall not exceed 1.91 lb/hr.

D.1.2 PSD Minor Limit [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the Permittee shall comply with the following:

(a) The total dryer feed rate for the Rotary Dryers (EU-32) shall not exceed 147,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

(b) The PM2.5 emissions ~~form~~ from the Rotary Dryers (EU-32) shall not exceed 0.27 lb/ton.

(c) The PM emissions from ~~form~~ the Transport System (EU-32) shall not exceed ~~1.05~~1.22 lbs/hr.

(d) The PM10 emissions from ~~form~~ the Transport System (EU-32) shall not exceed ~~0.69~~0.82 lbs/hr.

(e) The PM2.5 emissions from ~~form~~ the Transport System (EU-32) shall not exceed ~~0.31~~0.40 lbs/hr.

(f) The PM emissions from ~~form~~ the DDG Dryer Operation (EU-39) shall not exceed 1.91 lbs/hr.

(g) The PM10 emissions from ~~form~~ the DDG Dryer Operation (EU-39) shall not exceed 1.91 lbs/hr.

(h) The PM2.5 emissions from ~~form~~ the DDG Dryer Operation (EU-39) shall not exceed 1.91 lbs/hr.

(i) The CO emissions from ~~form~~ the DDG Dryer Operation (EU-39) shall not exceed 10.60 lbs/hr.

Compliance with these limits, in conjunction with the potential to emit from the rest of the modification, will ensure that the emission increase from Significant Source Modification No. 029-~~3527~~35496-00005 is less than twenty-five (25) tons of PM per year, fifteen (15) tons of PM_{10} per year, one hundred (100) tons of CO per year, and therefore will render the requirements of 326 IAC 2-2 (PSD) not applicable.

Compliance with these limits will ensure the net emissions increase from Significant Source Modification No. 029-~~3527~~35496-00005 is less than ten (10) tons of direct $PM_{2.5}$ per year, and therefore, will render the requirements of 326 IAC 2-2 (PSD) not applicable.

D.1.3 Emission Offset Minor Limit [326 IAC 2-3]

In order to render the requirements of 326 IAC 2-3 (Emission Offset) not applicable, the Permittee shall comply with the following:

The VOC emissions form the DDG Dryer Operation (EU-39) shall not exceed 8.90 lbs/hr.

Compliance with this limit, in conjunction with the potential to emit from the rest of the modification, will ensure that the potential to emit from this modification is less than forty (40) tons of VOC per year, and therefore will render the requirements of 326 IAC 2-3 (Emission Offset) not applicable.

D.1.4 HAP Minor Limit [326 IAC 2-4.1]

In order to render the requirements of 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants) not applicable, the Permittee shall comply with the following:

(a) The Acetaldehyde emissions form the DDG Dryer Operation (EU-39) shall not exceed 1.91 lbs/hr.

(b) The Formaldehyde emissions form the DDG Dryer Operation (EU-39) shall not exceed 1.48 lbs/hr.

Compliance with these emission limits in conjunction with the potential to emit from the rest of the modification, will ensure that the potential to emit from Significant Source Modification No. 029-~~3527~~35496-00005 is less than ten (10) tons of single HAP per year and twenty-five (25) tons of total HAPs per year, and therefore will render the requirements of 326 IAC 2-4.1 not applicable.

D.1.5 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the following emission units and control devices shall not exceed the pounds per hour limitation when operating at the stated process weight rates calculated using the following equations:

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

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

or

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

$E = 55.0\ P^{0.11} - 40$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

Emission Unit (baghouse)	Unit Description	Process weight rate (tons per hour)	Allowable particulate emission rate (pounds per hour)
EU-11	grain receiving and Pneumatic Conveyor	28.0	38.2
EU-12	Corn receiving and storage system	446	67.6
EU-13	Grain Storage Bins	224	59.7
EU-14	Hammermills and hopper	54.9	45.4
EU-32	Rotary dryers, cooler and transport system	53.8	45.3
EU-34	Storage silos and surge hoppers	21.0	31.5
EU-35	Air transport system and scale to rail car loading area	7.00	15.1
EU-36	Air transport system and scale to the truck loading area	7.00	15.1
EU-37	Rail Loading	7.00	15.1
EU-38	Truck Loading	7.00	15.1
EU-39	DDG Dryer	24.56	35.01

D.1.6 PSD Minor Limit [326 IAC 2-2]

Pursuant to CP 029-6331-00005 issued March 14, 1997:

(a) The PM and PM_{10} emissions from the corn truck unloading hopper, grain receiving elevator and conveyor, corn storage silo, and grain cleaner (collectively exhausting to stack S-111), which are part of EU-12, shall be limited to 1.20 pounds per hour.

(b) The PM and PM_{10} emissions from the grain air transport system (exhausting to stack S-112), which is part of EU-12, shall be limited to 0.219 pounds per hour.

(c) The PM and PM_{10} emissions from the two (2) storage silos and the two (2) surge hoppers (exhausting to stacks S-341 through S-344), collectively identified as EU-34, shall be limited to 0.136 pounds per hour.

(d) The PM and PM_{10} emissions from one (1) air transport system and scale to the rail car loading area (exhausting to stack S-350), identified as EU-35, and the one (1) air transport system and scale to the truck loading area (exhausting to stack S-360), identified as EU-36, shall collectively be limited to 0.289 pounds per hour.

(e) The PM and PM_{10} emissions from one (1) rail car loader (exhausting to stack S-370, identified as EU-37 and the truck loader (exhausting to stack S-380), identified as EU-38, shall be limited to 1.25 pounds per hour.

Compliance with these limitations shall render the requirements of 326 IAC 2-2, PSD, not applicable.

D.1.7 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (a)(Particulate Matter Limitations Except Lake County), particulate matter (PM) emissions from the Transport System (EU-32), DDG Dryer (EU-39), and the wet cake storage pad (EU-40) shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

D.1.8 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

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

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

D.1.9 Particulate, VOC, CO, VOC, and HAP Control

(a) In order to ensure compliance with Conditions D.1.1, D.1.2, D.1.3, and D.1.4 the RTO for VOC, CO, VOC and HAP control shall be in operation and control emissions from the DDG Dryer EU-39 at all times the facility is in operation.

(b) In order to ensure compliance with Conditions D.1.2 and D.1.7, the wet scrubbers and cyclones for particulate control shall be in operation and control emissions from the Rotary Dryers and Transport System collectively identified as EU-32 and the DDG Dryer EU-39 at all times the facilities are in operation.

(c) In order to ensure compliance with Conditions D.1.5 and D.1.6, the baghouses for particulate control shall be in operation and control emissions from EU-12 and EU-34 through EU-36, at all times that the facilities are in operation.

(d) 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.

Comment [MW1]: Move to D.1.17 to be consistent with conditions added for single compartment baghouses?

D.1.10 Testing Requirements [326 IAC 2-1.1-11]

(a) Not later than 180 days after the startup of DDG Dryer EU-39, the Permittee shall perform PM, PM10, PM2.5, CO, and VOC testing of the DDG Dryer EU-39 utilizing methods approved by the commissioner at least once every 5 years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition. PM10 and PM2.5 includes filterable and condensable PM. Testing of filterable PM_{10} and $PM_{2.5}$ shall not be required if the Permittee considers the measured PM emission by USEPA Method 5 to be the filterable PM_{10} and $PM_{2.5}$ emissions.

(b) Not later than 180 days after the startup of DDG Dryer EU-39~~issuance date of this permit~~, Permit No 029-35505-00005, the Permittee shall perform PM, PM10, and PM2.5 testing of the Transport System EU-32 utilizing methods approved by the commissioner at least once every 5 years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition. PM10 and PM2.5 includes filterable and condensable PM. Testing of filterable PM_{10} and $PM_{2.5}$ shall not be required if the Permittee considers the measured PM emission by USEPA Method 5 to be the filterable PM_{10} and $PM_{2.5}$ emissions.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)][40 CFR 64]

D.1.11 Visible Emissions Notations [40 CFR 64]

(a) Visible emission notations of EU-12 and EU-34 through EU-36 stack exhausts (S-111, S-112, S-341 through S-344, S-350, and S-360) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

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

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

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

(e) If abnormal emissions are observed, the Permittee shall take a reasonable response. Section C – Response to Excursions or Exceedances contains the Permittee's obligation with regard to the response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

Compliance with this requirement satisfies, in part, the requirements of 40 CFR 64 for EU-12.

D.1.12 Visible Emissions Notations

(a) Visible emission notations of the Transport System cyclone stack exhausts (S-310) and the cyclones (CE-39a) stack exhausts (S-320) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

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

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

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

(e) If abnormal emissions are observed, the Permittee shall take a reasonable response. Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.1.13 Scrubber Flow Rate

(a) The Permittee shall monitor and record the flow rate of the scrubbers controlling the Rotary Dryers (EU-32) at least once per day when the associated processes are in operation. The Permittee shall maintain the flow rate at or above the minimum specified in the table below.

Parameter	Scrubber #1 S-305	Scrubber #2 S-306	Scrubber #3 S-307	Scrubber #4 S-308	Scrubber #5 S-309
Minimum flow rate measured at nozzles (gal/min)	4.0	4.0	3.0	3.0	3.0
Minimum flow rate measured at trays (gal/min)	10.0	10.0	7.0	7.0	7.0

(b) When for any one reading, the flow rate is below the above mentioned minimum, the Permittee shall take a reasonable response. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the response steps required by this condition. A reading that is below the above mentioned minimum flow rate is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

D.1.14 Parametric Monitoring - Wet Scrubbers

The Permittee shall monitor and record the pressure drop across the scrubbers controlling the Rotary Dryers (EU-32) at least once per day when the associated processes are in operation. When for any one reading, the pressure drop across a scrubber is outside the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between 0.5 and 6.5 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the response steps required by this condition. A ~~[insert parameter]~~pressure drop reading that is outside the above mentioned range(s) is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

The instruments used for determining 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 or replaced at least once every six (6) months.

D.1.15 RTO Temperature

(a) A continuous monitoring system shall be calibrated, maintained, and operated on the RTO (CE-39b) for measuring operating temperature. For the purpose of this condition, continuous means no less often than once per fifteen (15) minutes. The output of this system shall be recorded as 3-hour average. From the date of startup until the stack test results are available, the Permittee shall operate the thermal oxidizer at or above the 3-hour average temperature of 1,400°F.

(b) The Permittee shall determine the 3-hour average temperature from the latest valid stack test that demonstrates compliance with limits in Conditions D.1.1, D.1.2, D.1.3, and D.1.4.

(c) On and after the date the stack test results are available, the Permittee shall operate the thermal oxidizer at or above the 3-hour average temperature as observed during the latest compliant stack test.

(d) If the 3-hour average temperature falls below the above mentioned 3-hour average temperature, the Permittee shall take a reasonable response. Section C - Response to

Excursions or Exceedances contains the Permittee's obligation with regard to the response steps required by this condition. A 3-hour average temperature reading below the above mentioned 3-hour average temperature is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

D.1.16 Parametric Monitoring - RTO

(a) The Permittee shall determine the appropriate duct pressure or fan amperage from the latest valid stack test that demonstrates compliance with limits in Conditions D.1.1, D.1.2, D.1.3, and D.1.4.

(b) The duct pressure or fan amperage shall be observed at least once per day when the thermal oxidizer is in operation. On and after the date the stack test results are available, the duct pressure or fan amperage shall be maintained within the normal range as established in latest compliant stack test.

(c) When, for any one reading, the duct pressure or fan amperage is outside the above mentioned range, the Permittee shall take a reasonable response. Section C - Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

(d) The instruments used for determining 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 or replaced at least once every six (6) months.

D.1.17 Broken or Failed Bag Detection

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

(b) For a single compartment baghouse controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the 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's pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, dust traces or triboflows.

D.1.18 Cyclone Failure Detection

In the event that a cyclone malfunction has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emission unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

D.1.19 Scrubber Failure Detection

In the event that a scrubber malfunction has been observed:

(a) For a scrubber controlling emissions from a process operated continuously, a failed unit and the associated process will be shut down immediately until the failed unit has ~~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).

(b) For a scrubber 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).

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

D.1.20 Record Keeping Requirements

(a) To Document the compliance status with Condition D.1.2(a), the Permittee shall maintain a monthly record of the total dryer feed rate for the Rotary Dryers (EU-32).

(b) To document the compliance status with Conditions D.1.11 and D.1.12, the Permittee shall maintain a daily record of visible emission notations of the baghouse and cyclone stack exhausts. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g., the process did not operate that day).

(c) To document the compliance status with Conditions D.1.13 and D.1.14, the Permittee shall maintain daily records of the Flow Rate and Pressure Drop for the scrubber. The Permittee shall include in its daily record when the readings are not taken and the reason for the lack of the readings (e.g., the process did not operate that day).

(d) To document the compliance status with Condition D.1.15, the Permittee shall maintain continuous temperature records for the RTO (CE-39b) and the 3-hour average temperature used to demonstrate compliance during the most recent compliant stack test.

(e) To document the compliance status with Condition D.1.16, the Permittee shall maintain daily records of the duct pressure or fan amperage for the RTO (CE-39b). The Permittee shall include in its daily record when the readings are not taken and the reason for the lack of the readings (e.g. the process did not operate that day).

(f) Section C - General Record Keeping Requirements contains the Permittee's obligation with regard to the records required by this condition.

D.1.21 Reporting Requirements

A quarterly summary of the information to document the compliance status with D.1.2(a) shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official," as defined by 326 IAC 2-7-1 (35).

SECTION D.2 FACILITY OPERATION CONDITIONS

Emission Unit Description: Steam Boiler, identified as EU-96

(dd) One (1) steam boiler, identified as EU-96, installed in 1977, using natural gas and exhausting to Stack S-906, heat input capacity: 244 million British thermal units per hour.
Under 40 CFR 63, Subpart DDDDD, this facility is an affected unit.

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

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

D.2.1 Particulate [326 IAC 6.5-3-8]

The steam boiler, identified as EU-96 (identified as Boiler 6), shall burn natural gas only.

Pursuant to 326 IAC 6.5-1-1(b), particulate limitations shall not be established for combustion units that burn only natural gas. Therefore, the limitations established in 326 IAC 6.5-3-8 for Boiler 6 shall not apply.

D.2.2 Particulate [326 IAC 6-2-3]

Pursuant to 326 IAC 6-2-3 (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from the following units shall be limited to Pt pounds per MMBtu heat input, as follows:

EMISSION UNIT	UNIT ID	PT (LB/MMBTU)
Boiler	EU-96	0.80

SECTION D.3 FACILITY OPERATION CONDITIONS

Emission Unit Description: Steam Boiler EU-97

(ee) One (1) natural gas fired steam boiler, identified as EU-97, using #2 fuel oil as back-up, installed in 1992, exhausting to Stack S-907, heat input capacity: 47.6 million British thermal units per hour using natural gas and 45.6 million British thermal units using #2 fuel oil. Under 40 CFR 60, Subpart Dc, this facility is considered an industrial, institutional, or commercial boiler.

Under 40 CFR 60, Subpart Dc, this facility is considered an industrial, institutional, or commercial boiler. Under 40 CFR 63, Subpart DDDDD, this facility is an affected unit.

(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 [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from the following units shall be limited to Pt pounds per MMBtu heat input, as follows:

EMISSION UNIT	UNIT ID	PT (LB/MMBTU)
Boiler	EU-97	0.25

D.3.2 Fuel Oil Limit [326 IAC 2-2][326 IAC 7-1.1-2]

(a) Pursuant to CP 029-2159-00005, issued on February 10, 1992, the steam boiler, identified as EU-97, shall be limited to 1,848,000 gallons of No. 2 fuel oil per twelve (12) consecutive month period, with compliance determined at the end of each month, and no fuel shall be combusted than contains greater than 0.3% sulfur.

(b) The SO_2 emissions from the steam boiler, identified as EU-97, when combusting No. 2 fuel oil, shall not exceed 0.043 pounds of SO_2 per gallon of No. 2 fuel oil.

Compliance with these limitations shall limit the SO_2 emissions from the steam boiler, identified as EU-97, to 39.4 tons per year, and render the requirements of 326 IAC 2-2, PSD, not applicable. This will also satisfy the requirements of 326 IAC 7-1.1-2, Sulfur Dioxide Emissions Limitations.

D.3.3 Sulfur Dioxide Emissions Limitations [326 IAC 7-1.1-2]

Pursuant to 326 IAC 7-1.1-2(a)(3), the sulfur dioxide emissions from the steam boiler, identified as EU-97, shall not exceed five-tenths (0.5) pounds per MMBtu.

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

D.3.4 Visible Emissions Notations

(a) Visible emission notations of the steam boiler, identified as EU-97, stack exhaust (S-907) shall be performed once per day during normal daylight operations when burning No.2 fuel oil. A trained employee shall record whether emissions are normal or abnormal.

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

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

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

(e) If abnormal emissions are observed, the Permittee shall take a reasonable response. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the response step required by this condition. Failure to take response step shall be considered a deviation from this permit.

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

D.3.5 Record Keeping Requirements

(a) To document the compliance status with Condition D.3.4, the Permittee shall maintain a daily record of visible emission notations of the steam boiler, identified as EU-97, stack exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g., the boiler did not operate that day).

(b) To document the compliance status with Conditions D.3.1 and D.3.2, the Permittee shall record and maintain records of the amounts of each fuel combusted during each day for the one (1) boiler, identified as EU-97.

(c) Section C - General Record Keeping Requirements contains the Permittee's obligation with regard to the records required by this condition.

D.3.6 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.3.2 shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting Requirements contains the Permittee's obligation with regard to the reports required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a “responsible official” as defined by 326 IAC 2-7-1(35).

SECTION D.4 FACILITY OPERATION CONDITIONS

Emission Unit Description: Insignificant Activities

(d) 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 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations [326 IAC 6-3-2].

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

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

D.4.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e), the particulate emissions from the 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 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations shall be limited by the following equation:

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

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

SECTION E.1 NSPS - 40 CFR Part 60, Subpart Dc

Emissions Unit Description:

(ee) One (1) natural gas fired steam boiler, identified as EU-97, using #2 fuel oil as back-up, installed in 1992, exhausting to Stack S-907, heat input capacity: 47.6 million British thermal units per hour using natural gas and 45.6 million British thermal units using #2 fuel oil.

Under 40 CFR 60, Subpart Dc, this facility is considered an industrial, institutional, or commercial boiler. Under 40 CFR 63, Subpart DDDDD, this facility is an affected unit.

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

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

E.1.1 General Provisions Relating to New Source Performance Standards[326 IAC 12-1][40 CFR Part 60, Subpart A]

(a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1 for the emission units(s) listed above, except as otherwise specified in 40 CFR Part 60, Subpart Dc.

(b) Pursuant to 40 CFR 60.4, the Permittee shall submit all required notifications and reports to:

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

and

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

E.1.2 Small Industrial-Commercial-Institutional Steam Generating Units NSPS [40 CFR Part 60, Subpart Dc][326 IAC 12]

Pursuant to 40 CFR Part 60, Subpart Dc, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart Dc, which are incorporated by reference as 326 IAC 12 (included as Attachment A of this permit) for the emission unit(s) listed above as specified as follows:

(1) 40 CFR 60.40c(a) through (d)
(2) 40 CFR 60.41c
(3) 40 CFR 60.42c(d) through (j)
(4) 40 CFR 60.43c(c) and (d)
(5) 40 CFR 60.44c(a) through (c), (e), (g) through (j)
(6) 40 CFR 60.45c(a), and (c)
(7) 40 CFR 60.46c(d) through (f)
(8) 40 CFR 60.47c(a), (b), (c) and (d)
(9) 40 CFR 60.48c(a) through (d), (e)(1) through (7), and (11), (f)(1), and (g) through (j)

SECTION E.2 NESHAP - 40 CFR Part 63, Subpart ZZZZ

Emissions Unit Description: Reciprocating Internal Combustion Engine (RICE)

(b) Emergency generators as follows: diesel generators not exceeding 1,600 horsepower.

(1) One (1) Diesel-fired emergency generator, with a maximum capacity of 1600 hp and installed in 1999. [326 IAC 2-2]

Under 40 CFR Part 63, Subpart ZZZZ, this generator is an affected unit.

(c) Other emergency equipment as follows: stationary fire pumps.

(1) One (1) Diesel-fired emergency fire water pump with a maximum capacity of 235 horsepower and installed in 1996. [326 IAC 2-2]

Under 40 CFR Part 63, Subpart ZZZZ, this generator is an affected unit.

(f) Activities associated with emergencies, including natural gas reciprocating engines not exceeding 16,000 horsepower.

(1) One (1) Natural gas-fired emergency generator, with a maximum capacity of 0.121 MMBtu/hr and installed in 2005. [326 IAC 2-2]

Under 40 CFR Part 63, Subpart ZZZZ, this generator is an affected unit.

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

National Emissions Standards for Hazardous Air Pollutants (NESHAP) Requirements [326 IAC 2-7-5(1)]

E.2.1 General Provisions Relating to National Emissions Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1][40 CFR Part 63, Subpart A]

(a) Pursuant to 40 CFR 63.6580, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, for the emission unit(s) listed above as specified in 40 CFR Part 63, Subpart ZZZZ in accordance with the schedule in 40 CFR 63, Subpart ZZZZ.

(b) Pursuant to 40 CFR 63.10, the Permittee shall submit all required notifications and reports to:

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

E.2.2 National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR Part 63, Subpart ZZZZ][326 IAC 20-82]

Pursuant to 40 CFR Part 63, Subpart ZZZZ, the Permittee shall comply with the following provisions of 40 CFR Part 63, Subpart ZZZZ (included as Attachment B to this permit) which are incorporated by reference as 326 IAC 20-82, for the emission unit(s) listed above, as specified as follows:

(1) 40 CFR 63.6580
(2) 40 CFR 63.6585(a),(b)
(3) 40 CFR 63.6590(a)(1)(i),(ii),(b)(3)
(4) 40 CFR 63.6595
(5) 40 CFR 63.6600(c)
(6) 40 CFR 63.6602
(7) 40 CFR 63.6604(b)
(8) 40 CFR 63.6605
(9) 40 CFR 63.6625(e)(2),(f),(h),(i),(j)
(10) 40 CFR 63.6640
(11) 40 CFR 63.6645(a)(5)
(12) 40 CFR 63.6650(h)
(13) 40 CFR 63.6655 except (c)
(14) 40 CFR 63.6670
(15) 40 CFR 63.6675
(16) Table 2c
(17) Table 6
(18) Table 8 except per 63.6645(a)(5) the following do not apply: 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9(b) through (e), and (g) and (h)

SECTION E.3 NESHAP - 40 CFR Part 63, Subpart DDDDD

Emissions Unit Description:

(dd) One (1) steam boiler, identified as EU-96, installed in 1977, using natural gas and exhausting to Stack S-906, heat input capacity: 244 million British thermal units per hour.

Under 40 CFR 63, Subpart DDDDD, this facility is an affected unit.

(ee) One (1) natural gas fired steam boiler, identified as EU-97, using #2 fuel oil as back-up, installed in 1992, exhausting to Stack S-907, heat input capacity: 47.6 million British thermal units per hour using natural gas and 45.6 million British thermal units using #2 fuel oil.

Under 40 CFR 60, Subpart Dc, this facility is considered an industrial, institutional, or commercial boiler. Under 40 CFR 63, Subpart DDDDD, this facility is an affected unit.

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

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements [326 IAC 2-7-5(1)]

E.3.1 General Provision Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1][40 CFR Part 63, Subpart A]

Pursuant to 40 CFR 63.7565, the Permittee shall comply with the provisions of 40 CFR Part 63 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1 for the emission unit(s) listed above, as specified in 40 CFR Part 63, Subpart DDDDD, in accordance with the schedule in 40 CFR Part 63, Subpart DDDDD.

E.3.2 National Emission Standards for Hazardous Air Pollutants (NESHAP) for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters [326 IAC 20-95][40 CFR 63 Subpart DDDDD]

Pursuant to 40 CFR 63 Subpart DDDDD, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart DDDDD, which are incorporated by reference at 326 IAC 20-95 (included as Attachment C of this permit) for the emission unit(s) listed above, as specified as follows:

(1) 63.7480
(2) 63.7485
(3) 63.7490 (a)(1), (d)
(4) 63.7495 (b). (d)
(5) 63.7499 (l). (m)
(6) 63.7500 (a)(1)
(7) 63.7505 (a), (h)
(8) 63.7540 (a)(10), (c)(13)
(9) 63.7545
(10) 63.7550
(11) 63.7555
(12) 63.7560
(13) 63.7565
(14) 63.7570
(15) 63.7575
(16) Table 2
(17) Table 3

(18) Table 9
(19) Table 10

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: MGPI of Indiana
Source Address: 7 Ridge Avenue, Lawrenceburg, Indiana 47025
Part 70 Permit No.: T029-32119-00005

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify)

☐ Report (specify)

☐ Notification (specify)

☐ Affidavit (specify)

☐ Other (specify)

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: MGPI of Indiana
Source Address: 7 Ridge Avenue, Lawrenceburg, Indiana 47025
Part 70 Permit No.: T029-32119-00005

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

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

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

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

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

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

Page 2 of 2

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

Form Completed by:_____

Title / Position: _____

Date:_____

Phone: _____

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

Part 70 Quarterly Report

Source Name: MGPI of Indiana
Source Address: 7 Ridge Avenue, Lawrenceburg, Indiana 47025
Part 70 Permit No.: T029-32119-00005
Facility: Five (5) Rotary Dryers (EU-32)
Parameter: total dryer feed rate
Limit: shall not exceed 147,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER : YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	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: _____

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

Part 70 Quarterly Report

Source Name: MGPI of Indiana
Source Address: 7 Ridge Avenue, Lawrenceburg, Indiana 47025
Part 70 Permit No.: T029-32119-00005
Facility: One (1) steam boiler, identified as EU-97
Parameter: #2 Fuel Oil Burned
Limit: 1,848,000 gallons per twelve (12) consecutive month period, equivalent to SO_2 emissions of 39.4 tons per year, with compliance determined at the end of each month.

YEAR: _____

Month	#2 Fuel Oil (gallons)	#2 Fuel Oil (gallons)	# 2 Fuel Oil (gallons)
	This Month	Previous 11 Months	12 Month Total

☐ No deviation occurred in this quarter.

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

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

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

Source Name: MGPI of Indiana
Source Address: 7 Ridge Avenue, Lawrenceburg, Indiana 47025
Part 70 Permit No.: T029-32119-00005

Months: _____to _____ Year:_____

Page 1 of 2

This report shall be submitted quarterly based on a calendar year. Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of paragraph (a) of Section C-General Reporting. Any deviation from the requirements of this permit, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

☐ 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: _____