City of Indianapolis
DPW
Department of Public Works
Bart Peterson, Mayor

TO: Interested Parties / Applicant

RE: Allison Transmission Division of General Motors Corporation / 097-23774-00310

FROM: Felicia A. Robinson FR
Administrator
City of Indianapolis
Office of Environmental Services

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

If you have technical questions regarding the enclosed documents, please contact the Indianapolis Office of Environmental Services, Air Permits at (317) 327-2234.

Enclosures

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Department of Public Works
Office of Environmental Services
2700 Belmont Avenue
Indianapolis, IN 46221
317-327-2234
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indygov.org/dpw

October 23, 2006

Mr. Charles Knuckles
Allison Transmission Division of General Motors Corporation
4700 West 10th Street (M-29)
Indianapolis, Indiana 46222

City of Indianapolis
DPW
Department of Public Works
Bart Peterson, Mayor

CERTIFIED MAIL 7000 0600 0023 5186 2743

Re: Second Administrative Amendment
097-23774-00310 to
Part 70 Operating Permit T097-6898-00310

Dear Mr. Knuckles:

Allison Transmission Division of General Motors Corporation was issued a Part 70 Operating Permit, T097-6898-00310, on June 21, 2004 for a transmission manufacturing and testing plant. A First Administrative Amendment, 097-23246-00310, to expand Insignificant Activity groundwater and soil remediation systems was issued on September 18, 2006. An application to modify the source was received on October 13, 2006.

The October 13, 2006 application requested that the Insignificant Activity groundwater and soil remediation systems in Condition A.4 and Section D.9 of Part 70 Operating Permit T097-6898-00310 be revised. In the application, Allison Transmission Division of General Motors Corporation stated that some of the requested changes in the First Administrative Amendment, 097-23246-00310 issued September 18, 2006 were in error, specifically, the number of recovery wells and the description of the pumps. There will be no increase in emissions from increasing the number of recovery wells because the emission estimates for the First Administrative Amendment, 097-23246-00310, are the correct estimates for the number of recovery wells being installed and operated. There are no new applicable requirements triggered because of the revision in the number of wells at the source. Additionally, no revisions to existing applicable requirements, record keeping or reporting in Section D.9 are necessary. Pursuant to 326 IAC 2-7-11(a)(7) and (8)(B), the requested changes qualify as a Part 70 Operating Permit Administrative Amendment because the changes "revise descriptive information where the revision will not trigger a new applicable requirement or violate a permit term" and the change "incorporates an Insignificant Activity as defined in 326 IAC 2-7-1(21)".

Pursuant to the provisions of 326 IAC 2-7-11, the Part 70 Operating Permit is hereby Administratively Amended as described below with deletions in strikeout and additions in bold:

Change 1:

The requested changes in the Insignificant Activity emission unit descriptions in Section A.4 and Section D.9 are each now revised as follows:

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

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

...

(g) One (1) soil and groundwater remediation system, identified as Emission Unit ENCORE, installed in 2003, consisting of [326 IAC 2-4.1]:

(1) Soil vapor extraction (SVE) system, including miscellaneous piping and:

(A) seventeen (17) soil vapor extraction wells;

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2700 Belmont Avenue
Indianapolis, IN 46221
317-327-2234
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TDD 327-5186
indygov.org/dpw

(B) one (1) 90 gallon knock-out tank, and

(C) one (1) 30 -horsepower blower rated at 750 standard cubic feet per minute (scfm), with emissions exhausting to one (1) stack identified as SVE vent.

(2) Dense non-aqueous phase liquid (DNAPL)/groundwater recovery system, including miscellaneous piping, ~~pneumatic~~ pumps and:

(A) **up to twenty (20)** ~~fifteen (15)~~ recovery wells;

(B) one (1) DNAPL/water separator rated at 15 gpm, with emissions exhausting to one (1) stack identified as SVE vent;

(C) one (1) 875 gallon flow equalization tank, with emissions exhausting to one (1) stack identified as air stripper vent; and

(D) one (1) air stripper rated at sixty (60) gpm, with one (1) five (5) horsepower blower rated at 320 scfm with emissions exhausting to one (1) stack identified as air stripper vent.

SECTION D.9 FACILITY OPERATION CONDITIONS

Insignificant Emitting Activities

(g) One (1) soil and groundwater remediation system, identified as Emission Unit ENCORE, installed in 2003, consisting of [326 IAC 2-4.1]:

(1) Soil vapor extraction (SVE) system, including miscellaneous piping and:

(A) seventeen (17) soil vapor extraction wells;

(B) one (1) 90 gallon knock-out tank, and

(C) one (1) 30 -horsepower blower rated at 750 standard cubic feet per minute (scfm), with emissions exhausting to one (1) stack identified as SVE vent.

(2) Dense non-aqueous phase liquid (DNAPL)/groundwater recovery system, including miscellaneous piping, ~~pneumatic~~ pumps and:

(A) **up to twenty (20)** ~~fifteen (15)~~ recovery wells;

(B) one (1) DNAPL/water separator rated at 15 gpm, with emissions exhausting to one (1) stack identified as SVE vent;

(C) one (1) 875 gallon flow equalization tank, with emissions exhausting to one (1) stack identified as air stripper vent; and

(D) one (1) air stripper rated at sixty (60) gpm, with one (1) five (5) horsepower blower rated at 320 scfm with emissions exhausting to one (1) stack identified as air stripper vent.

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

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

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Mark Caraher at (317) 327-2272 or mcaraher@indygov.org.

Sincerely,

Felicia A. Robinson
Administrator

Enclosure: Amended Permit
Notice of Decision

mbc

cc: Files
Permits – Mark Caraher
Compliance - Matt Mosier
U.S. EPA, Region V
Mindy Hahn, IDEM OAQ
Marion County Health Department

City of Indianapolis
DPW
Department of Public Works
Bart Peterson, Mayor

PART 70 OPERATING PERMIT
INDIANA DEPARTMENT of ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
and
CITY of INDIANAPOLIS
OFFICE of ENVIRONMENTAL SERVICES

Allison Transmission Division of General Motors Corporation
4700 West 10th Street
Indianapolis, Indiana 46222

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

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17 and the Code of Indianapolis and Marion County, Chapter 511. This permit also addresses certain new source review requirements for existing equipment and is intended to fulfill the new source review procedures pursuant to IAC 2-7-10.5, applicable to those conditions.

Operation Permit No.: T097-6898-00310	
Issued by: Original signed by: Janet G. McCabe, Assistant Commissioner, Office of Air Quality Original signed by: John B. Chavez, Administrator, Office of Environmental Services	Issuance Date: June 21, 2004 Expiration Date: June 21, 2009

First Significant Permit Modification: 097-19373-00310, issued March 7, 2006.
Second Significant Permit Modification: 097-23037-00310, issued September 5, 2006
First Administrative Amendment: 097-23246-00310, issued on September 18, 2006

Second Administrative Amendment: 097-23774-00310	Conditions Affected: A.4; Section D.9
Issued by: Felicia A. Robinson Administrator, Office of Environmental Services	Issuance Date: October 23, 2006 Expiration Date: June 21, 2009

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and the Indianapolis Office of Environmental Services (OES). The information describing the source contained in conditions A.1, A.3 and A.4 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

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

The Permittee owns and operates a transmission manufacturing and testing plant under a Standard Industrial Classification Code (SIC) of 3714 (establishments primarily engaged in manufacturing motor vehicle power transmission equipment).

Responsible Official:	General Director of Operations
Source Address:	4700 West 10th Street, Indianapolis, Indiana 46222
Mailing Address:	4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
SIC Code:	3714
County Location:	Marion
County Status:	Nonattainment for ozone under the 8-hour standard Nonattainment for PM2.5 Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act 1 of 28 Source Categories

A.2 Part 70 Source Definition [326 IAC 2-7-1(22)]

This transmission manufacturing and testing plant consists of three (3) plants:

(a) Plant 3 is located at 4700 West 10th Street, Indianapolis, IN 46254;

(b) Plants 12 and 14 are both located at 901 Grande Avenue, Indianapolis, IN 46254

Since the three (3) plants are located on contiguous or adjacent properties, belong to the same industrial grouping and are under common control of the same entity, they will be considered one (1) source, effective from the date of issuance of this Part 70 permit.

This transmission manufacturing and testing operation consists of a source with an on-site contractor, both listed as follows:

(a) Plants 3, 12 and 14, the primary operation and considered one (1) source, located at 4700 West 10th Street, Indianapolis, IN 46254 and 901 Grande Avenue, Indianapolis, IN 46254, respectively; and

(b) Environmental Corporate Remediation Company (ENCORE), the on-site remediation systems contractor supporting operation, located at 4700 West 10th Street, Indianapolis, IN 46254.

IDEM, OAQ and OES have determined that Plant 3, 12 and 14 and the remedial activities operated by ENCORE, the on-site contractor, are each under the common control of the General Motors Corporation, and are, therefore, considered one source. Therefore, the term "source" in the Part 70 documents refers to both the Allison Transmission Division of General Motors and Environmental Corporate Remediation Company, Inc. (herein known as ENCORE) as one source.

One combined Part 70 permit will be issued to Allison Transmission Division of General Motors and

Environmental Corporate Remediation Company (ENCORE) for the combined source.

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

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

(a) One (1) Union Iron Works Boiler, identified as emission unit BLR 1, capable of combusting #4 reclaimed oil or #2 fuel oil, with a maximum capacity of thirty six (36) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3109 and constructed in 1940.

(b) One (1) Union Iron Works Boiler, identified as emission unit BLR 2, capable of combusting #4 reclaimed oil, #2 fuel oil, and natural gas, with a maximum capacity of thirty six (36) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3110 and constructed in 1940.

(c) One (1) Union Iron Works Boiler, identified as emission unit BLR 3, capable of combusting #4 reclaimed oil or #2 fuel oil, with a maximum capacity of forty eight (48) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3112 and constructed in 1942.

(d) One (1) Union Iron Works Boiler, identified as emission unit BLR 4, capable of combusting #4 reclaimed oil, #2 fuel oil, and natural gas, with a maximum capacity of seventy two (72) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3107 and constructed in 1953.

(e) One (1) Union Iron Works Boiler, identified as emission unit BLR 5, capable of combusting #4 reclaimed oil, #2 fuel oil, and natural gas, with a maximum capacity of ninety six (96) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3108 and constructed in 1969.

(f) Emission Unit ETC consists of the following twenty five (25) engineering development transmission test cells; 701, 704, 705, 706, 707, 709, 710, 711, 712, 32N, 32S, 38N, 39N, 39S, 40N, 40S, 41N, 41S, 48N, 48S, 49N, 49S, 50, 51N and 51S. The emissions from each test cell 701, 704, 705, 706, 707, 709, 710, 711, 712, 32N, 32S, 38N, 39N, 39S, 40N, 40S, 41N, 41S, 48N, 48S, 49N, 49S, 50, 51N and 51S are exhausted out Stack/Vent PTE 057, PTE 065, PTE 067 PTE 069, PTE 071, PTE 075, PTE 077, PTE 079, PTE 080, PTE 008, PTE 006, PTE 011, PTE 018, PTE 020, PTE 013, PTE 014, PTE 023, PTE 021, PTE 040, PTE 041, PTE 086, PTE 087, PTE 093, PTE 084, and PTE 082, respectively. All test cells were constructed prior to 1977. Test cell 39N was modified during the 1980's. The table below lists the fuel type and engine type that each cell is capable of accommodating based on the physical characteristics of each cell.

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
701	Diesel	Reciprocating or Gas Turbine	4000
704	Diesel	Reciprocating	2400
705	Diesel	Reciprocating or Gas Turbine	2400 for reciprocating; 4000 for gas turbine
706	Diesel	Reciprocating	4000
707	Diesel	Reciprocating	2400

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
709	Diesel	Reciprocating	2400
710	Diesel	Reciprocating	1500
711	Diesel	Reciprocating	2400
712	Diesel	Reciprocating	1500
32N	Diesel	Reciprocating	2400
32S	Diesel	Reciprocating	1500
38N	Diesel	Reciprocating	4000
39N	Diesel	Reciprocating	2400
39S	Diesel	Reciprocating	1500
40N	Diesel	Reciprocating	1500
40S	Diesel	Reciprocating	1500
41N	Diesel	Reciprocating	1200
41S	Diesel	Reciprocating	1200
48N	Diesel	Reciprocating	1200
48S	Diesel	Reciprocating	1200
49N	Diesel	Reciprocating	1500
49S	Diesel	Reciprocating	1500
50	Diesel	Reciprocating	2400
51N	Diesel	Reciprocating	1200
51S	Gasoline or Diesel	Reciprocating	700

(g) Emission unit DTC consists of the following four (4) transmission reliability test cells, TC-107, TC-109, TC-111 and TC-112. The emissions from test cells TC-107, TC-109, TC-111 and TC-112 are exhausted out stacks PTE045, PTE043, PTE049 and PTE050, respectively. All test cells were constructed in 1985. The following engines can be used in any one of the individual test cells mentioned above:

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
TC-107	Diesel	Reciprocating	1500
TC-109	Diesel	Reciprocating	1500
TC-111	Diesel	Reciprocating	1500
TC-112	Diesel	Reciprocating	1500

(h) Emission unit PTS12 consists of the following two (2) transmission test stands, identified as test stand C-32 and C-33. Test stands C-32 and C-33 were constructed in 1976 and 1981 respectively. The emissions from test stands C-32 and C-33 are exhausted out stacks 12060 and 12058, respectively. The following engines can be used in any one of the individual test

stands mentioned above:

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
C-32	Diesel	Reciprocating	600
C-33	Diesel	Reciprocating	600

(i) Emission unit PTS14 consists of the following five (5) transmission test stands, identified as test stand O-1, O-2, O-24, O-25 and O-31. Test stands O-1, O-2, O-24, O-25 and O-31 were constructed in 1978, 1979, 1986, 1986, and 1984 respectively. The emissions from test stands O-1, O-2, O-24, O-25 and O-31 are exhausted out stacks 14041, 14038, 14024, 14023, and 14045, respectively. The following engines can be used in any one of the individual test stands mentioned above:

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
O-1	Diesel	Reciprocating	2400
O-2	Diesel	Reciprocating	2400
O-24	Diesel	Reciprocating	600
O-25	Diesel	Reciprocating	600
O-31	Diesel	Reciprocating	2400

(j) Cold solvent degreasing using mineral spirits identified as emission unit CSD. Emissions are vented inside the building. Each degreasing unit was installed prior to 1977.

(k) Transmission Test Cell 702 identified as Emission Unit ID ETC702 consisting of one (1) reciprocating engine firing diesel fuel at 8.55 million Btu per hour and exhausting at Stack/ Vent ID PTE062. This emission unit can accommodate engines of greater than 600 horsepower. Constructed in 2002.

(l) One (1) Nebraska natural gas fired rental boiler, model number NOS-2A/S-67, identified as Emission Unit ID BLR 6, to be installed in 2006, with a maximum heat input of 96.97 million Btu per hour. Emission Unit ID BLR 6 is equipped with low-NO_X burners and flue gas recirculation.

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

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

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour. [326 IAC 6.5-1-2]

(b) Emergency diesel generators not exceeding 1600 horsepower.[326 IAC 6.5-1-2(a)]

(c) Emergency Stationary fire pumps.[326 IAC 6.5-1-2(a)]

(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 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6.5-1-2(a)]

(1) Shot Blast controlled with fabric filters. [326 IAC 6.5-1-2(a)]

(e) Heat Treating. [326 IAC 6.5-1-2(a)]

(f) Activities or categories of activities with individual HAP emissions not previously identified. Any unit emitting greater than 1 pound per day but less than 5 pounds per day or 1 ton per year of a single HAP.

(1) Production welding - manganese [326 IAC 6.5-1-2(a)]

(g) One (1) soil and groundwater remediation system, identified as Emission Unit ENCORE, installed in 2003, consisting of [326 IAC 2-4.1]:

(1) Soil vapor extraction (SVE) system, including miscellaneous piping and:

(A) seventeen (17) soil vapor extraction wells;

(B) one (1) 90 gallon knock-out tank, and

(C) one (1) 30 -horsepower blower rated at 750 standard cubic feet per minute (scfm), with emissions exhausting to one (1) stack identified as SVE vent.

(2) Dense non-aqueous phase liquid (DNAPL)/groundwater recovery system, including miscellaneous piping, pumps and:

(A) up to twenty (20) recovery wells;

(B) one (1) DNAPL/water separator rated at 15 gpm, with emissions exhausting to one (1) stack identified as SVE vent;

(C) one (1) 875 gallon flow equalization tank, with emissions exhausting to one (1) stack identified as air stripper vent; and

(D) one (1) air stripper rated at sixty (60) gpm, with one (1) five (5) horsepower blower rated at 320 scfm with emissions exhausting to one (1) stack identified as air stripper vent.

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

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, T097-6898-00310, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

(b) If IDEM, OAQ and OES, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration 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 permit renewal has been issued or denied.

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

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

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

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

B.4 Enforceability [326 IAC 2-7-7]

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

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

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

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

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

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

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

(a) The Permittee shall furnish to IDEM, OAQ and OES, within a reasonable time, any information that IDEM, OAQ and OES may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, and OES copies of records required to be kept by this permit.

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

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

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

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

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

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

and

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

and

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

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

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

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

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

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

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

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

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

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:

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

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

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

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

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

and

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

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

(b) The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and OES. IDEM, OAQ and OES may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

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

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

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

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

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

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865

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

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

and

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

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

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

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

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

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

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

(e) IDEM, OAQ, and OES may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(9) be revised in response to an emergency.

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

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

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

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

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

for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

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

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

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

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

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

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

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

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

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

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

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

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

(a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

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

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

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

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

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

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

and

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

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

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

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

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

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

(1) That this permit contains a material mistake.

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

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

(c) Proceedings by IDEM, OAQ, or OES to reopen and revise this permit shall follow the same

procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

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

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

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

Request for renewal shall be submitted to:

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

and

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

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

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

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

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

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

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

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

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

and

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

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

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

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

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

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

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

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

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

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

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

(4) The Permittee notifies the:

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

and

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

and

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

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

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

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

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

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

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

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

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

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

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

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

(b) Any modification at an existing major source is governed by the requirements of 326 IAC 2-2-2 and/or 326 IAC 2-3-2.

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

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

(a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

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

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

and

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

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

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

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

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

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

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

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

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

SECTION C **SOURCE OPERATION CONDITIONS**

Entire Source

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

C.1 Opacity [326 IAC 5-1]

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

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

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

C.2 Open Burning [326 IAC 4-1] [IC 13-17-9]

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

C.3 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

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

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

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

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

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

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

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

The Permittee shall comply with the applicable requirements of 326 IAC 14-10, 326 IAC 18, and 40 CFR 61.140.

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

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

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable

procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

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

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

and

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

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

(b) The Permittee shall notify IDEM, OAQ and OES of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

Compliance Requirements [326 IAC 2-1.1-11]

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

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

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

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

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

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

and

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

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

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

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

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

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

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 prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on April 4, 1997.

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

C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

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

C.14 Compliance Response Plan - Preparation, Implementation, Records and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ and OES upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, maintained on site, and comprised of:

(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected time frame for taking reasonable steps.

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or

(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such an additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be 10 days or more until the unit or device will be shut down, then the Permittee shall promptly notify IDEM, OAQ and OES of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of the notification.

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

(c) The Permittee is not required to take any further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

(d) When implementing reasonable response steps in response to a compliance monitoring condition, it the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Condition B - Deviations from Permit Requirements and Conditions.

(e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.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 take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results.

The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

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

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

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

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

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

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

(2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(32) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

This statement must be submitted to:

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

and

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

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-1.1-1(1).

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

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]

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

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

(c) If there is a reasonable possibility that a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, other than projects at a Clean Unit, which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) may result in a significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with the following:

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

(A) A description of the project.
(B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
(C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
(i) Baseline actual emissions;
(ii) Projected actual emissions;
(iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-2(mm)(2)(A)(3); and
(iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.

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

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

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

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

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

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

and

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

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

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

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

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

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

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

(2) The annual emissions calculated in accordance with (c)(2) and (3) in Section C - General Record Keeping Requirements.

(3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-1-2(d)(3) and/or 326 IAC 2-3-2(c)(3).

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

Reports required in this part shall be submitted to:

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

and

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

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

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

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

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

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

(a) One (1) Union Iron Works Boiler, identified as emission unit BLR 1, capable of combusting #4 reclaimed oil or #2 fuel oil, with a maximum capacity of thirty six (36) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3109 and constructed in 1940.

(b) One (1) Union Iron Works Boiler, identified as emission unit BLR 2, capable of combusting #4 reclaimed oil, #2 fuel oil, and natural gas, with a maximum capacity of thirty six (36) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3110 and constructed in 1940.

(c) One (1) Union Iron Works Boiler, identified as emission unit BLR 3 capable of combusting #4 reclaimed oil or #2 fuel oil, with a maximum capacity of forty eight (48) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3112 and constructed in 1942.

(d) One (1) Union Iron Works Boiler, identified as emission unit BLR 4, capable of combusting #4 reclaimed oil, #2 fuel oil, and natural gas, with a maximum capacity of seventy two (72) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3107 and constructed in 1953.

(e) One (1) Union Iron Works Boiler, identified as emission unit BLR 5, capable of combusting #4 reclaimed oil, #2 fuel oil, and natural gas, with a maximum capacity of ninety six (96) million British thermal units (MMBtu) Btu per hour, exhausting out one stack identified as stack ID# 3108 and constructed in 1969.

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

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

D.1.1 Particulate Rules: Marion County [326 IAC 6.5-6-2(a)][326 IAC 6.5-6-2(b)]

(a) Pursuant to 326 IAC 6.5-6-2(a), particulate (PM) emissions from emission units BLR 1, BLR 2, BLR 3, BLR 4 and BLR 5 shall be limited to:

(1) 0.15 pounds per million Btu for each emission unit; and

(2) 39.3 tons per year for all emission units combined.

(b) Pursuant to 326 IAC 6.5-6-2(b), compliance with the particulate (PM) emissions limit in Condition D.1.1(a) shall be determined at the end of each month based on the sum of the monthly calculated emissions for the most recent twelve (12) consecutive month period. The monthly emissions shall be calculated using AP-42 emissions factors or alternative emission factors approved by the Commissioner.

D.1.2 Sulfur Dioxide Emission Limitations: Marion County [326 IAC 7-4-2]

Pursuant to 326 IAC 7-4-2, Sulfur Dioxide (SO_2) emissions for emission units BLR 1, BLR 2, BLR 3, BLR 4, and BLR 5 are limited as specified below:

Emission Unit	Pounds per million Btu	Pounds per hour
BLR 1	1.88	67.6
BLR 2	1.88	67.6
BLR 3	1.88	90.2
BLR 4	1.88	135.2
BLR 5	1.88	180.3

D.1.3 Non Applicability [40 CFR 60.40c]

40 CFR Part 60.40c (Subpart Dc) does not apply to Boilers BLR 1 through BLR 5 since none of these boilers were constructed after June 9, 1989. The Permittee shall obtain prior approval prior to making any changes to any one of these boilers which would be considered a modification or reconstruction pursuant to 40 CFR Part 60.14 and 60.15.

D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for emission units BLR 1, BLR 2, BLR 3, BLR 4 and BLR 5.

Compliance Determination Requirements

D.1.5 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 3-7-4][326 IAC 7-2-1(c)]

(a) Compliance shall be determined utilizing one of the following options.

(1) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content for Distillate Oil and reclaimed #4 fuel oil does not exceed 1.89 and 1.80 percent by weight, respectively, by either:

(A) Providing vendor analysis of fuel delivered, if accompanied by a certification; or

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

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

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

(2) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from emission units BLR1, BLR2, BLR3, BLR4 and/or BLR5 in accordance with 326 IAC 3-6, utilizing the procedures in 40 CFR 60, Appendix A, Method 6, 6A, 6C, or 8. [326 IAC 7-2-1(d)]

A determination of noncompliance pursuant to either of the methods specified in (1) or (2) above shall not be refuted by evidence of compliance pursuant to the other method.

(b) Pursuant to 326 IAC 7-2-1(c) and based on fuel sampling and analysis data obtained in accordance with procedures specified under 326 IAC 3-7-4, the Permittee shall submit to the Commissioner reports of calendar month average sulfur content, heat content, fuel consumption and sulfur dioxide emission rate in pounds per million Btu upon request.

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

D.1.6 Record Keeping Requirements

(a) To document compliance with Condition D.1.2 and D.1.5, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) below shall be complete and sufficient to establish compliance with the SO_2 emission limit established in Condition D.1.2. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

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

(2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

(3) To certify compliance when burning natural gas only, the Permittee shall maintain records of fuel used.

If the fuel supplier certification is used to demonstrate compliance, when burning alternate fuels and not determining compliance pursuant to 326 IAC 3-7-4, the following, as a minimum, shall be maintained:

(4) Fuel supplier certifications.

(5) The name of the fuel supplier; and

(6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

(b) Pursuant to Condition D.1.1(b), the Permittee shall maintain monthly fuel usage records for each boiler BLR 1, BLR 2, BLR 3, BLR 4 and BLR 5 that contains sufficient information to estimate emissions, including;

(1) boiler identification and heat capacity;

(2) fuel usage for each type of fuel; and

(3) heat content of fuel.

(c) To document compliance with Condition D.1.5(b), the Permittee shall maintain records of calendar month average sulfur content, heat content, fuel consumption and sulfur dioxide emission rate in pounds per million Btu.

(d) To document compliance with Condition D.1.4, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.

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

D.1.7 Reporting Requirements

(a) The Permittee shall submit a certification, signed by the responsible official, that certifies all of the fuels combusted during the period. The natural gas fired boiler certification does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). The natural gas boiler certification shall be submitted to the addresses listed in Section C - General Reporting Requirements of this permit using the reporting form located at the end of this permit, or its equivalent, within thirty (30) days after the end of the six (6) month period being reported.

(b) A quarterly summary of the information to document compliance with Condition D.1.1(b) shall be submitted to the addresses listed in Section C - General Reporting Requirements, using the reporting form located at the end of this permit, or its equivalent, within thirty (30) days after the end of the calendar quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.2 **FACILITY OPERATION CONDITIONS**

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

(f) Emission Unit ETC consists of the following twenty five (25) engineering development transmission test cells; 701, 704, 705, 706, 707, 709, 710, 711, 712, 32N, 32S, 38N, 39N, 39S, 40N, 40S, 41N, 41S, 48N, 48S, 49N, 49S, 50, 51N and 51S. The emissions from each test cell 701, 704, 705, 706, 707, 709, 710, 711, 712, 32N, 32S, 38N, 39N, 39S, 40N, 40S, 41N, 41S, 48N, 48S, 49N, 49S, 50, 51N and 51S are exhausted out Stack/Vent PTE 057, PTE 065, PTE 067 PTE 069, PTE 071, PTE 075, PTE 077, PTE 079, PTE 080, PTE 008, PTE 006, PTE 011, PTE 018, PTE 020, PTE 013, PTE 014, PTE 023, PTE 021, PTE 040, PTE 041, PTE 086, PTE 087, PTE 093, PTE 084, and PTE 082, respectively. All test cells were constructed prior to 1977. Test cell 39N was modified during the 1980's. The table below lists the fuel type and engine type that each cell is capable of accommodating based on the physical characteristics of each cell.

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
701	Diesel	Reciprocating or Gas Turbine	4000
704	Diesel	Reciprocating	2400
705	Diesel	Reciprocating or Gas Turbine	2400 for reciprocating; 4000 for gas turbine
706	Diesel	Reciprocating	4000
707	Diesel	Reciprocating	2400
709	Diesel	Reciprocating	2400
710	Diesel	Reciprocating	1500
711	Diesel	Reciprocating	2400
712	Diesel	Reciprocating	1500
32N	Diesel	Reciprocating	2400
32S	Diesel	Reciprocating	1500
38N	Diesel	Reciprocating	4000
39N	Diesel	Reciprocating	2400
39S	Diesel	Reciprocating	1500
40N	Diesel	Reciprocating	1500
40S	Diesel	Reciprocating	1500
41N	Diesel	Reciprocating	1200
41S	Diesel	Reciprocating	1200
48N	Diesel	Reciprocating	1200
48S	Diesel	Reciprocating	1200
49N	Diesel	Reciprocating	1500

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
49S	Diesel	Reciprocating	1500
50	Diesel	Reciprocating	2400
51N	Diesel	Reciprocating	1200
51S	Gasoline or Diesel	Reciprocating	700

(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 Matter Limitations Except Lake County [326 IAC 6.5-1-2(a)]

Pursuant to 326 IAC 6.5-1-2(a) (Particulate Matter Limitations Except Lake County), particulate (PM) emissions from each of the twenty five (25) Test Cells covered under Emissions Unit ETC shall not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

D.2.2 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1]

Pursuant to 326 IAC 7-1.1-1 (SO_2 Emissions Limitations), Sulfur Dioxide (SO_2) emissions from Test Cells 701, 704, 705, 706, 707, 709, 711, 32N, 38N and 50 shall each not exceed five tenths (0.5) pounds per million Btu heat input.

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

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) Requirements) not applicable to Test Cell 39N:

(a) NO_x emissions from diesel fuel fired reciprocating engines utilized in Test Cell 39N shall be limited to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

(b) The input of diesel fuel to reciprocating engines utilized in Test Cell 39N shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

D.2.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ETC.

Compliance Determination Requirements

D.2.5 Sulfur Dioxide Emissions and Sulfur Content

Compliance for Test Cells 701, 704, 705, 706, 707, 709, 711, 32N, 38N and 50 shall be determined utilizing one of the following options.

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

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

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

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

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

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

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

D.2.6 Emission Factors and Performance Testing

(a) The Permittee shall use the following NO_x emissions factors in conjunction with the actual throughput of diesel fuel fired in reciprocating engines utilized in Test Cell 39N to determine compliance with emissions limitation in Condition D.2.3:

Reciprocating Engine Size (horsepower)	NO_x emissions factor
600 or less	0.6042 pounds per gallon of diesel fuel combusted
greater than 600	0.4384 pounds per gallon of diesel fuel combusted

(b) Monthly NO_x emissions shall be determined by the following equation:

NO_x emissions (tons) = (0.6042 lbs/gal x gal throughput for engines 600 hp or less + 0.4384 lbs/gal x gal throughput for engines greater than 600 hp) / 2000 lbs NO_x per ton NO_x

(c) Pursuant to IC 13-15-7-1, IC 13-15-7-2, 326 IC 2-1.1-9(2) and 326 IAC 2-1.1-11 the IDEM, OAQ reserves the authority to require the Permittee to conduct performance tests to verify the emissions factors of this permit.

(d) After issuance of this permit, if the performance test results indicate a discrepancy between the emission factors and the actual emissions rate observed during the test, the Permittee shall inform IDEM, OAQ, Permits Branch of such variation within 90 days of the submission of performance test report to IDEM.

(e) Pursuant to IC 13-15-7-1, IC 13-15-7-2 and 326 IC 2-1.1-9(2), the IDEM, OAQ may re-evaluate the permit conditions and emissions factors. IDEM, OAQ may, at its discretion, use the authority under IC 13-15-7-2, IC 13-15-7-2 and/or 326 IAC 2-1.1-9(2) to re-open and revise the permit to more closely reflect the actual performance test results using permit amendment or modification procedures.

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

D.2.7 Record Keeping Requirements

(a) To document compliance with Condition D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

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

(2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;

(3) A certification, signed by the owner or operator which is not necessarily the responsible official, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

(4) Fuel supplier certifications.

(5) The name of the fuel supplier; and

(6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

(b) To document compliance with Condition D.2.3 and Condition D.2.6, the Permittee shall:

(1) Maintain monthly records of the diesel fuel throughput in Test Cell 39N for engines 600 horsepower or less and maintain monthly records of diesel fuel throughput in Test Cell 39N for engines greater than 600 horsepower.

(2) Maintain records of NO_x emissions on a monthly basis using the emissions factors in Condition D.2.6 in conjunction with monthly diesel fuel throughput in Test Cell 39N to calculate emissions from Test Cell 39N.

(c) To document compliance with Condition D.2.4, the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.

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

D.2.8 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.2.3 and Condition D.2.6 shall be submitted to the addresses listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the calendar quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.3 FACILITY OPERATION CONDITIONS

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

(g) Emission unit DTC consists of the following four (4) transmission reliability test cells, TC-107, TC-109, TC-111 and TC-112. The emissions from test cells TC-107, TC-109, TC-111 and TC-112 are exhausted out stacks PTE045, PTE043, PTE049 and PTE050, respectively. All test cells were constructed in 1985. The following engines can be used in any one of the individual test cells mentioned above:

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
TC-107	Diesel	Reciprocating	1500
TC-109	Diesel	Reciprocating	1500
TC-111	Diesel	Reciprocating	1500
TC-112	Diesel	Reciprocating	1500

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

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

D.3.1 Particulate Matter Limitations Except Lake County [326 IAC 6.5-1-2(a)]

Pursuant to 326 IAC 6.5-1-2(a) (Particulate Matter Limitations Except Lake County), particulate (PM) emissions from each of the Test Cells TC-107, TC-109, TC-111 and TC-112 shall not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

D.3.2 PSD Minor Limit [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) Requirements) not applicable to Test Cells TC-107, TC-109, TC-111, TC-112:

(a) Combined NO_x emissions from diesel fuel fired reciprocating engines utilized in Test Cells TC-107, TC-109, TC-111, TC-112 shall be limited to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

(b) The combined input of diesel fuel to reciprocating engines utilized in Test Cells TC-107, TC-109, TC-111, TC-112 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Compliance Determination Requirements

D.3.3 Emission Factors and Performance Testing

(a) The Permittee shall use the following NO_x emissions factors in conjunction with the actual throughput of diesel fuel fired in reciprocating engines utilized in Test Cells TC-107, TC-109, TC-111, TC-112 to determine compliance with emissions limitation in Condition D.3.2:

Reciprocating Engine Size (horsepower)	NO_x emissions factor
600 or less	0.6042 pounds per gallon of diesel fuel combusted
greater than 600	0.4384 pounds per gallon of diesel fuel combusted

(b) Monthly NO_x emissions shall be determined by the following equation:

NO_x emissions (tons) = (0.6042 lbs/gal x gal throughput for engines 600 hp or less + 0.4384 lbs/gal x gal throughput for engines greater than 600 hp) / 2000 lbs NO_x per ton NO_x

(c) Pursuant to IC 13-15-7-1, IC 13-15-7-2, 326 IC 2-1.1-9(2) and 326 IAC 2-1.1-11 the IDEM, OAQ reserves the authority to require the Permittee to conduct performance tests to verify the emissions factors of this permit.

(d) After issuance of this permit, if the performance test results indicate a discrepancy between the emission factors and the actual emissions rate observed during the test, the Permittee shall inform IDEM, OAQ, Permits Branch of such variation within 90 days of the submission of performance test report to IDEM.

(e) Pursuant to IC 13-15-7-1, IC 13-15-7-2 and 326 IC 2-1.1-9(2), the IDEM, OAQ may re-evaluate the permit conditions and emissions factors. IDEM, OAQ may, at its discretion, use the authority under IC 13-15-7-2, IC 13-15-7-2 and/or 326 IAC 2-1.1-9(2) to re-open and revise the permit to more closely reflect the actual performance test results using permit amendment or modification procedures.

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

D.3.4 Record Keeping Requirements

(a) To document compliance with Condition D.3.2 and Condition D.3.3, the Permittee shall:

(1) Maintain monthly records of the diesel fuel throughput in Test Cells TC-107, TC-109, TC-111, TC-112 for engines 600 horsepower or less and maintain monthly records of diesel fuel throughput in Test Cells TC-107, TC-109, TC-111, TC-112 for engines greater than 600 horsepower.

(2) Maintain records of NO_x emissions on a monthly basis using the emissions factors in Condition D.3.3 in conjunction with monthly diesel fuel throughput in Test Cells TC-107, TC-109, TC-111, TC-112 to calculate combined NO_x emissions from Test Cells TC-107, TC-109, TC-111, TC-112. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

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

D.3.5 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.3.2 and Condition D.3.3 shall be submitted to the addresses listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the calendar quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.4 FACILITY OPERATION CONDITIONS

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

(h) Emission unit PTS12 consists of the following two (2) Transmission Test Stands, identified as Test Stand C-32 and C-33. Test Stands C-32 and C-33 were constructed in 1976 and 1981, respectively. The emissions from Test Stands C-32 and C-33 are exhausted out stacks 12060 and 12058, respectively. The following engines can be used in any one of the individual test stands mentioned above:

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
C-32	Diesel	Reciprocating	600
C-33	Diesel	Reciprocating	600

(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 Matter Limitations Except Lake County [326 IAC 6.5-1-2(a)]

Pursuant to 326 IAC 6.5-1-2(a)(Particulate Matter Limitations Except Lake County), particulate (PM) emissions from Test Stands C-32 and C-33 each shall not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

D.4.2 PSD Minor Limit [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) Requirements) not applicable to Test Stand C-33 :

(a) NO_x emissions from diesel fuel fired reciprocating engines utilized in Test Stand C-33 shall be limited to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

(b) The input of diesel fuel to reciprocating engines utilized in Test Stand C-33 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Compliance Determination Requirements

D.4.3 Emission Factors and Performance Testing

(a) The Permittee shall use the following NO_x emissions factors in conjunction with the actual throughput of diesel fuel fired in reciprocating engines utilized in Test Stand C-33 to determine compliance with emissions limitation in Condition D.4.2:

Reciprocating Engine Size (horsepower)	NO_x emissions factor
600 or less	0.6042 pounds per gallon of diesel fuel combusted
greater than 600	0.4384 pounds per gallon of diesel fuel combusted

(b) Monthly NO_x emissions shall be determined by the following equation:

NO_x emissions (tons) = (0.6042 lbs/gal x gal throughput for engines 600 hp or less + 0.4384 lbs/gal x gal throughput for engines greater than 600 hp) / 2000 lbs NO_x per ton NO_x

(c) Pursuant to IC 13-15-7-1, IC 13-15-7-2, 326 IC 2-1.1-9(2) and 326 IAC 2-1.1-11 the IDEM, OAQ reserves the authority to require the Permittee to conduct performance tests to verify the emissions factors of this permit.

(d) After issuance of this permit, if the performance test results indicate a discrepancy between the emission factors and the actual emissions rate observed during the test, the Permittee shall inform IDEM, OAQ, Permits Branch of such variation within 90 days of the submission of performance test report to IDEM.

(e) Pursuant to IC 13-15-7-1, IC 13-15-7-2 and 326 IC 2-1.1-9(2), the IDEM, OAQ may re-evaluate the permit conditions and emissions factors. IDEM, OAQ may, at its discretion, use the authority under IC 13-15-7-2, IC 13-15-7-2 and/or 326 IAC 2-1.1-9(2) to re-open and revise the permit to more closely reflect the actual performance test results using permit amendment or modification procedures.

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

D.4.4 Record Keeping Requirements

(a) To document compliance with Condition D.4.2 and Condition D.4.3, the Permittee shall:

(1) Maintain monthly records of the diesel fuel throughput in Test Stand C-33 for engines 600 horsepower or less and maintain monthly records of diesel fuel throughput in Test Stand C-33 for engines greater than 600 horsepower.

(2) Maintain records of the NO_x emissions on a monthly basis using the emissions factors in Condition D.4.3 in conjunction with monthly diesel fuel throughput in Test Stand C-33 to calculate NO_x emissions from Test Stand C-33. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

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

D.4.5 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.4.2 and Condition D.4.3 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the calendar quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.5 FACILITY OPERATION CONDITIONS

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

(i) Emission unit PTS14 consists of the following five (5) transmission test stands, identified as test stand O-1, O-2, O-24, O-25 and O-31. Test stands O-1, O-2, O-24, O-25 and O-31 were constructed in 1978, 1979, 1986, 1986, and 1984 respectively. The emissions from test stands O-1, O-2, O-24, O-25 and O-31 are exhausted out stacks 14041, 14038, 14024, 14023, and 14045, respectively. The following engines can be used in any one of the individual test stands mentioned above:

Test Cell ID	Fuel Type	Engine Type	Estimated Maximum Engine Size in Horsepower
O-1	Diesel	Reciprocating	2400
O-2	Diesel	Reciprocating	2400
O-24	Diesel	Reciprocating	600
O-25	Diesel	Reciprocating	600
O-31	Diesel	Reciprocating	2400

(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.5.1 Particulate Matter Limitations Except Lake County [326 IAC 6.5-1-2(a)]

Pursuant to 326 IAC 6.5-1-2(a)(Particulate Matter Limitations Except Lake County), particulate (PM) emissions from each of the Test Stands O-1, O-2, O-24, O-25 and O-31 shall not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

D.5.2 PSD Minor Limit [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) Requirements) not applicable to Test Stands O-1, O-2, O-24, O-25 and O-31, the following conditions shall apply:

(a) Combined NO_x emissions from diesel fuel fired reciprocating engines utilized in Test Stands O-1 and O-2 shall be limited to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

(b) The combined input of diesel fuel to reciprocating engines utilized in Test Stands O-1 and O-2 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

(c) Combined NO_x emissions from diesel fuel fired reciprocating engines utilized in Test Stands O-24 and O-25 shall be limited to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

(d) The combined input of diesel fuel to reciprocating engines utilized in Test Stands O-24 and O-25 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or

less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

(e) NO_x emissions from diesel fuel fired reciprocating engines utilized in Test Stand O-31 shall be limited to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

(f) The input of diesel fuel to reciprocating engines utilized in Test Stand O-31 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Compliance Determination Requirements

D.5.3 Emission Factors and Performance Testing

(a) The Permittee shall use the following NO_x emissions factors in conjunction with the actual throughput of diesel fuel fired in reciprocating engines utilized in Test Stands O-1, O-2, O-24, O-25 and O-31 to determine compliance with emissions limitation in Condition D.5.2:

Reciprocating Engine Size (horsepower)	NO_x emissions factor
600 or less	0.6042 pounds per gallon of diesel fuel combusted
greater than 600	0.4384 pounds per gallon of diesel fuel combusted

(b) Monthly NO_x emissions shall be determined by the following equation:

NO_x emissions (tons) = (0.6042 lbs/gal x gal throughput for engines 600 hp or less + 0.4384 lbs/gal x gal throughput for engines greater than 600 hp) / 2000 lbs NO_x per ton NO_x

(c) Pursuant to IC 13-15-7-1, IC 13-15-7-2, 326 IC 2-1.1-9(2) and 326 IAC 2-1.1-11 the IDEM, OAQ reserves the authority to require the Permittee to conduct performance tests to verify the emissions factors of this permit.

(d) After issuance of this permit, if the performance test results indicate a discrepancy between the emission factors and the actual emissions rate observed during the test, the Permittee shall inform IDEM, OAQ, Permits Branch of such variation within 90 days of the submission of performance test report to IDEM.

(e) Pursuant to IC 13-15-7-1, IC 13-15-7-2 and 326 IC 2-1.1-9(2), the IDEM, OAQ may re-evaluate the permit conditions and emissions factors. IDEM, OAQ may, at its discretion, use the authority under IC 13-15-7-2, IC 13-15-7-2 and/or 326 IAC 2-1.1-9(2) to re-open and revise the permit to more closely reflect the actual performance test results using permit amendment or modification procedures.

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

D.5.4 Record Keeping Requirements

(a) To document compliance with Condition D.5.2(b) and Condition D.5.3, for Test Stands O-1 and O-2, maintain monthly records of the diesel fuel throughput for engines 600 horsepower or less and maintain monthly records of diesel fuel throughput for engines greater than 600

horsepower. Maintain records of the combined NO_x emissions on a monthly basis using the emissions factors in Condition D.5.3 in conjunction with combined monthly diesel fuel throughput in Test Stands O-1 and O-2 to calculate NO_x emissions from Test Stand O-1 and O-2. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

(b) To document compliance with Condition D.5.2(d), for Test Stands O-24 and O-25, maintain monthly records of the diesel fuel throughput for engines 600 horsepower or less and maintain monthly records of diesel fuel throughput for engines greater than 600 horsepower. Maintain records of the combined NO_x emissions on a monthly basis using the emissions factors in Condition D.5.3 in conjunction with combined monthly diesel fuel throughput in Test Stands O-24 and O-25 to calculate NO_x emissions from Test Stand O-24 and O-25. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

(c) To document compliance with Condition D.5.2(f), for Test Stand O-31, maintain monthly records of the diesel fuel throughput for engines 600 horsepower or less and maintain monthly records of diesel fuel throughput for engines greater than 600 horsepower. Maintain records of the NO_x emissions on a monthly basis using the emissions factors in Condition D.5.3 in conjunction with monthly diesel fuel throughput in Test Stand O-31 to calculate emissions from Test Stand O-31. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

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

D.5.5 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.5.2 and Condition D.5.3 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the calendar quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.6 **FACILITY OPERATION CONDITIONS**

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

(j) Cold solvent degreasing using mineral spirits identified as emission unit CSD. Emissions are in to the building. Each degreasing unit was installed prior to 1977.

(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.6.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2][326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-2 (Organic Solvent Degreasing Operations: Cold Cleaner Operation), for cold cleaning operations existing as of January 1, 1980 located in Marion County, the Permittee shall:

(1) Equip the cleaner with a cover;
(2) Equip the cleaner with a facility for draining cleaned parts;
(3) Close the degreaser cover whenever parts are not being handled in the cleaner;
(4) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
(5) Provide a permanent, conspicuous label summarizing the operation requirements;
(6) Store waste solvent only in covered containers an not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

(b) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs existing as of July 1, 1990, located in Marion County, the Permittee shall ensure that the following requirements are met:

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

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

(B) The solvent is agitated; or

(C) The solvent is heated.

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

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

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

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

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

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

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

(c) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the Permittee shall ensure that the following operating requirements are met:

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

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

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

SECTION D.7 FACILITY OPERATION CONDITIONS

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

(k) Transmission Test Cell 702 identified as Emission Unit ID ETC702 consisting of one (1) reciprocating engine firing diesel fuel with a maximum capacity of 8.55 million Btu per hour and exhausting at Stack/ Vent ID PTE062. This emission unit can accommodate engines of greater than 600 horsepower. Constructed in 2002.

(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.7.1 Particulate Matter Limitations Except Lake County [326 IAC 6.5-1-2(a)]

Pursuant to 326 IAC 6.5-1-2(a) (Particulate Matter Limitations Except Lake County), particulate (PM) emissions from Emission Unit ID ETC702 shall not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

D.7.2 PSD Minor Limit [326 IAC 2-2] [Significant Source Modification 097-15550-00310]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD) Requirements) not applicable to Test Cell 702:

(a) NO_x emissions from diesel fuel fired reciprocating engines utilized in Test Cell 702 shall be limited to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

(b) Pursuant to Significant Source Modification 097-15550-00310 issued November 7, 2002, the input of diesel fuel to Test Cell 702 shall be less than 173,516 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Compliance Determination Requirements

D.7.3 Testing Requirements [326 IAC 2-7-6(1), (6)][326 IAC 2-1.1-11]

During the period between thirty (30) and thirty six (36) months after issuance of this Part 70 Permit, in order to demonstrate compliance with Condition D.7.2, the Permittee shall perform NO_x emissions testing for Test Cell 702 utilizing methods approved by the Commissioner. Testing shall be conducted in accordance with Section C - Performance Testing.

D.7.4 Emission Factors and Performance Testing

(a) The Permittee shall use the following NO_x emissions factors in conjunction with the actual throughput of diesel fuel fired in reciprocating engines utilized in Test Cell 702 to determine compliance with emissions limitation in Condition D.7.2:

Reciprocating Engine Size (horsepower)	NO_x emissions factor
600 or less	0.6042 pounds per gallon of diesel fuel combusted
greater than 600	0.4384 pounds per gallon of diesel fuel combusted

(b) Monthly NO_x emissions shall be determined by the following equation:

NO_x emissions (tons) = (0.6042 lbs/gal x gal throughput for engines 600 hp or less + 0.4384 lbs/gal x gal throughput for engines greater than 600 hp) / 2000 lbs NO_x per ton NO_x

(c) Pursuant to IC 13-15-7-1, IC 13-15-7-2, 326 IC 2-1.1-9(2) and 326 IAC 2-1.1-11 the IDEM, OAQ reserves the authority to require the Permittee to conduct performance tests to verify the emissions factors of this permit.

(d) After issuance of this permit, if the performance test results indicate a discrepancy between the emission factors and the actual emissions rate observed during the test, the Permittee shall inform IDEM, OAQ, Permits Branch of such variation within 90 days of the submission of performance test report to IDEM.

(e) Pursuant to IC 13-15-7-1, IC 13-15-7-2 and 326 IC 2-1.1-9(2), the IDEM, OAQ may re-evaluate the permit conditions and emissions factors. IDEM, OAQ may, at its discretion, use the authority under IC 13-15-7-2, IC 13-15-7-2 and/or 326 IAC 2-1.1-9(2) to re-open and revise the permit to more closely reflect the actual performance test results using permit amendment or modification procedures.

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

D.7.5 Record Keeping Requirements

(a) To document compliance with Condition D.7.2 and Condition D.7.4, the Permittee shall:

(1) Maintain monthly records of the diesel fuel throughput in Test Cell 702 for engines 600 horsepower or less and maintain monthly records of diesel fuel throughput in Test Cell 702 for engines greater than 600 horsepower.

(2) Maintain records of NO_x emissions on a monthly basis using the emissions factors in Condition D.7.4 in conjunction with monthly diesel fuel throughput in Test Cell 702 to calculate NO_x emissions from Test Cell 702. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

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

D.7.6 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.7.2 and D.7.4 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.8 **FACILITY OPERATION CONDITIONS**

Insignificant Emitting Activities

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

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour. [326 IAC 6.5-1-2]

(b) Emergency diesel generators not exceeding 1600 horsepower. [326 IAC 6.5-1-2(a)]

(c) Emergency Stationary fire pumps. [326 IAC 6.5-1-2(a)]

(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 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6.5-1-2(a)]

(1) Shot Blast controlled with fabric filters. [326 IAC 6.5-1-2(a)]

(e) Heat Treating [326 IAC 6.5-1-2(a)]

(f) Activities or categories of activities with individual HAP emissions not previously identified. Any unit emitting greater than 1 pound per day but less than 5 pounds per day or 1 ton per year of a single HAP.

(1) Production welding - manganese [326 IAC 6.5-1-2(a)]

(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.8.1 Particulate Matter Limitations Except Lake County [326 IAC 6.5-1-2(a)]

Pursuant to 326 IAC 6.5-1-2(a) (Particulate Matter Limitations Except Lake County), particulate (PM) emissions from the natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour, emergency diesel generators, emergency stationary fire pumps, grinding and machining operations, shot blast, heat treating operations and production welding each shall not exceed three hundredths (0.03) grains per dry standard cubic foot of exhaust air.

Compliance Determination Requirements

D.8.2 Particulate Control

In order to comply with D.8.1, the fabric filters for particulate control shall be in operation and control emissions from shot blasting at all times that the shot blasting units are in operation.

SECTION D.9 **FACILITY OPERATION CONDITIONS**

Insignificant Emitting Activities

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

(g) One (1) soil and groundwater remediation system, identified as Emission Unit ENCORE, installed in 2003, consisting of [326 IAC 2-4.1]:

(1) Soil vapor extraction (SVE) system, including miscellaneous piping and:

(A) seventeen (17) soil vapor extraction wells;

(B) one (1) 90 gallon knock-out tank, and

(C) one (1) 30 -horsepower blower rated at 750 standard cubic feet per minute (scfm), with emissions exhausting to one (1) stack identified as SVE vent.

(2) Dense non-aqueous phase liquid (DNAPL)/groundwater recovery system, including miscellaneous piping, pumps and:

(A) up to twenty (20) recovery wells;

(B) one (1) DNAPL/water separator rated at 15 gpm, with emissions exhausting to one (1) stack identified as SVE vent;

(C) one (1) 875 gallon flow equalization tank, with emissions exhausting to one (1) stack identified as air stripper vent; and

(D) one (1) air stripper rated at sixty (60) gpm, with one (1) five (5) horsepower blower rated at 320 scfm with emissions exhausting to one (1) stack identified as air stripper vent.

(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.9.1 HAP Minor Limit [326 IAC 2-4.1]

HAP emissions from Emission Unit ENCORE shall be less than ten (10) tons per twelve consecutive month period for any single HAP and shall be less than ten (10) tons per twelve consecutive month period of any combination of HAP. Compliance with this limit shall render the requirements of 326 IAC 2-4.1 (New Source Toxics Control) not applicable to Emission Unit ENCORE and shall render Allison Transmission Division a minor source of HAPs.

Compliance Determination Requirements

D.9.2 Testing Requirement

The Permittee shall collect a grab sample of the exhaust stream from the SVE vent to determine HAP emission rates using Tedlar Bag Sampling - SOP 2101, USEPA, 10/21/94, modified to fill tedlar bags directly from the pump rather than to use a vacuum box. Collected samples will be analyzed using Modified Method TO-15. The Permittee shall establish a sample collection and analysis plan that is maintained and available for review by IDEM, OAQ and OES that outlines quality control procedures for sampling and analysis. Samples shall be collected at the following frequency:

(a) Once per month during steady state operations; and

(b) Once at any time additional wells are brought on line or the air flow rate from the individual wells is increased.

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

D.9.3 Record Keeping Requirements

To document compliance with Condition D.9.1, the Permittee shall maintain the following records related to HAP emissions from Emission Unit:

(a) Monthly samples of HAP concentrations;

(b) Records of HAP concentrations from any additional samples collected;

(c) Air flow data from the system;

(d) Hours of operation; and

(e) Monthly individual HAP and any combination of HAP emission rates based on information collected in (a) through (d) above.

D.9.4 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.9.1 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.10 **FACILITY OPERATION CONDITIONS**

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

(l) One (1) Nebraska natural gas fired rental boiler, model number NOS-2A/S-67, identified as Emission Unit ID BLR 6, to be installed in 2006, with a maximum heat input of 96.97 million Btu per hour. Emission Unit ID BLR 6 is equipped with low-NO_X burners and flue gas recirculation.

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

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit ID BLR 6 and any control devices.

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

D.10.2 General Provisions Relating to NSPS [40 CFR Part 60, Subpart A] [326 IAC 12-1]

(a) The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to Emission Unit ID BLR 6 as described in this section except when otherwise specified in 40 CFR Part 60, Subpart Dc.

(b) Pursuant to 40 CFR 60.7, the Permittee shall submit all required notifications and reports to:

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

and

City of Indianapolis
Office of Environmental Services
Air Quality Management Section
2700 South Belmont Avenue
Indianapolis, Indiana 46221-2097

D.10.3 Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR Part 60.40c, Subpart Dc] [326 IAC 12-1] [40 CFR 60.24(f)(3)]

Pursuant to 40 CFR 60.40c, Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), the one (1) Nebraska natural gas fired rental boiler, identified as Emission Unit ID BLR 6, shall comply with the following:

§ 60.40c Applicability and delegation of authority.

(a) Except as provided in paragraph (d) of this section, the affected facility to which this subpart applies is each steam generating unit for which construction, modification, or reconstruction is commenced after June 9, 1989 and that has a maximum design heat input capacity of 29 megawatts (MW) (100 million Btu per hour (Btu/hr)) or less, but greater than or equal to 2.9 MW (10 million Btu/hr).

(b) In delegating implementation and enforcement authority to a State under section 111(c) of the Clean Air Act, §60.48c(a)(4) shall be retained by the Administrator and not transferred to a State.

(c) Steam generating units which meet the applicability requirements in paragraph (a) of this section are not subject to the sulfur dioxide (SO_2) or particulate matter (PM) emission limits, performance testing requirements, or monitoring requirements under this subpart (§§60.42c, 60.43c, 60.44c, 60.45c, 60.46c, or 60.47c) during periods of combustion research, as defined in §60.41c.

(d) Any temporary change to an existing steam generating unit for the purpose of conducting combustion research is not considered a modification under §60.14.

(e) Heat recovery steam generators that are associated with combined cycle gas turbines and meet the applicability requirements of subpart KKKK of this part are not subject to this subpart. This subpart will continue to apply to all other heat recovery steam generators that are capable of combusting more than or equal to 2.9 MW (10 MMBtu/h) heat input of fossil fuel but less than or equal to 29 MW (100 MMBtu/h) heat input of fossil fuel. If the heat recovery steam generator is subject to this subpart, only emissions resulting from combustion of fuels in the steam generating unit are subject to this subpart. (The gas turbine emissions are subject to subpart GG or KKKK, as applicable, of this part).

(f) Any facility covered by subpart AAAA of this part is not covered by this subpart.

(g) Any facility covered by an EPA approved State or Federal section 111(d)/129 plan implementing subpart BBBB of this part is not covered by this subpart.

§ 60.41c Definitions.

As used in this subpart, all terms not defined herein shall have the meaning given them in the Clean Air Act and in subpart A of this part.

Annual capacity factor means the ratio between the actual heat input to a steam generating unit from an individual fuel or combination of fuels during a period of 12 consecutive calendar months and the potential heat input to the steam generating unit from all fuels had the steam generating unit been operated for 8,760 hours during that 12-month period at the maximum design heat input capacity. In the case of steam generating units that are rented or leased, the actual heat input shall be determined based on the combined heat input from all operations of the affected facility during a period of 12 consecutive calendar months.

Coal means all solid fuels classified as anthracite, bituminous, subbituminous, or lignite by the American Society of Testing and Materials in ASTM D388-77, 90, 91, 95, or 98a, Standard Specification for Classification of Coals by Rank (IBR--see Sec. 60.17), coal refuse, and petroleum coke. Coal-derived synthetic fuels derived from coal for the purposes of creating useful heat, including but not limited to solvent refined coal, gasified coal, coal-oil mixtures, and coal-water mixtures, are also included in this definition for the purposes of this subpart.

Coal refuse means any by-product of coal mining or coal cleaning operations with an ash content greater than 50 percent (by weight) and a heating value less than 13,900 kilojoules per kilogram (kJ/kg) (6,000 Btu per pound (Btu/lb) on a dry basis.

Cogeneration steam generating unit means a steam generating unit that simultaneously produces both electrical (or mechanical) and thermal energy from the same primary energy source.

Combined cycle system means a system in which a separate source (such as a stationary gas turbine, internal combustion engine, or kiln) provides exhaust gas to a steam generating unit.

Combustion research means the experimental firing of any fuel or combination of fuels in a steam generating unit for the purpose of conducting research and development of more efficient combustion or more effective prevention or control of air pollutant emissions from combustion, provided that, during these periods of research and development, the heat generated is not used for any purpose other than preheating combustion air for use by that steam generating unit (i.e., the heat generated is released to the atmosphere

without being used for space heating, process heating, driving pumps, preheating combustion air for other units, generating electricity, or any other purpose).

Conventional technology means wet flue gas desulfurization technology, dry flue gas desulfurization technology, atmospheric fluidized bed combustion technology, and oil hydrodesulfurization technology.

Distillate oil means fuel oil that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, 89, 90, 92, 96, or 98, "Standard Specification for Fuel Oils" (incorporated by reference --see §60.17).

Dry flue gas desulfurization technology means a sulfur dioxide (SO_2) control system that is located between the steam generating unit and the exhaust vent or stack, and that removes sulfur oxides from the combustion gases of the steam generating unit by contacting the combustion gases with an alkaline slurry or solution and forming a dry powder material. This definition includes devices where the dry powder material is subsequently converted to another form. Alkaline reagents used in dry flue gas desulfurization systems include, but are not limited to, lime and sodium compounds.

Duct burner means a device that combusts fuel and that is placed in the exhaust duct from another source (such as a stationary gas turbine, internal combustion engine, kiln, etc.) to allow the firing of additional fuel to heat the exhaust gases before the exhaust gases enter a steam generating unit.

Emerging technology means any SO_2 control system that is not defined as a conventional technology under this section, and for which the owner or operator of the affected facility has received approval from the Administrator to operate as an emerging technology under §60.48c(a)(4).

Federally enforceable means all limitations and conditions that are enforceable by the Administrator, including the requirements of 40 CFR Parts 60 and 61, requirements within any applicable State implementation plan, and any permit requirements established under 40 CFR 52.21 or under 40 CFR 51.18 and 40 CFR 51.24.

Fluidized bed combustion technology means a device wherein fuel is distributed onto a bed (or series of beds) of limestone aggregate (or other sorbent materials) for combustion; and these materials are forced upward in the device by the flow of combustion air and the gaseous products of combustion. Fluidized bed combustion technology includes, but is not limited to, bubbling bed units and circulating bed units.

Fuel pretreatment means a process that removes a portion of the sulfur in a fuel before combustion of the fuel in a steam generating unit.

Heat input means heat derived from combustion of fuel in a steam generating unit and does not include the heat derived from preheated combustion air, recirculated flue gases, or exhaust gases from other sources (such as stationary gas turbines, internal combustion engines, and kilns).

Heat transfer medium means any material that is used to transfer heat from one point to another point.
Maximum design heat input capacity means the ability of a steam generating unit to combust a stated maximum amount of fuel (or combination of fuels) on a steady state basis as determined by the physical design and characteristics of the steam generating unit.

Natural gas means (1) a naturally occurring mixture of hydrocarbon and nonhydrocarbon gases found in geologic formations beneath the earth's surface, of which the principal constituent is methane, or (2) liquefied petroleum (LP) gas, as defined by the American Society for Testing and Materials in ASTM D1835-86, 87, 91, or 97, "Standard Specification for Liquefied Petroleum Gases" (incorporated by reference—see §60.17).

Noncontinental area means the State of Hawaii, the Virgin Islands, Guam, American Samoa, the Commonwealth of Puerto Rico, or the Northern Mariana Islands.

Oil means crude oil or petroleum, or a liquid fuel derived from crude oil or petroleum, including distillate oil and residual oil.

Potential sulfur dioxide emission rate means the theoretical SO_2 emissions (nanograms per joule [ng/J], or pounds per million Btu [lb/million Btu] heat input) that would result from combusting fuel in an uncleaned state and without using emission control systems.

Process heater means a device that is primarily used to heat a material to initiate or promote a chemical reaction in which the material participates as a reactant or catalyst.

Residual oil means crude oil, fuel oil that does not comply with the specifications under the definition of distillate oil, and all fuel oil numbers 4, 5, and 6, as defined by the American Society for Testing and Materials in ASTM D396-78, 89, 90, 92, 96, or 98, "Standard Specification for Fuel Oils" (incorporated by reference—see §60.17).

Steam generating unit means a device that combusts any fuel and produces steam or heats water or any other heat transfer medium. This term includes any duct burner that combusts fuel and is part of a combined cycle system. This term does not include process heaters as defined in this subpart.

Steam generating unit operating day means a 24-hour period between 12:00 midnight and the following midnight during which any fuel is combusted at any time in the steam generating unit. It is not necessary for fuel to be combusted continuously for the entire 24-hour period.

Wet flue gas desulfurization technology means an SO_2 control system that is located between the steam generating unit and the exhaust vent or stack, and that removes sulfur oxides from the combustion gases of the steam generating unit by contacting the combustion gases with an alkaline slurry or solution and forming a liquid material. This definition includes devices where the liquid material is subsequently converted to another form. Alkaline reagents used in wet flue gas desulfurization systems include, but are not limited to, lime, limestone, and sodium compounds.

Wet scrubber system means any emission control device that mixes an aqueous stream or slurry with the exhaust gases from a steam generating unit to control emissions of particulate matter (PM) or SO_2.

Wood means wood, wood residue, bark, or any derivative fuel or residue thereof, in any form, including but not limited to sawdust, sanderdust, wood chips, scraps, slabs, millings, shavings, and processed pellets made from wood or other forest residues.

Sec. 60.43c Standard for particulate matter.
(e)(1) On or after the date on which the initial performance test is completed or is required to be completed under Sec. 60.8, whichever date comes first, no owner or operator of an affected facility that commences construction, reconstruction, or modification after February 28, 2005, and that combusts coal, oil, gas, wood, a mixture of these fuels, or a mixture of these fuels with any other fuels and has a heat input capacity of 8.7 MW (30 MMBtu/h) or greater shall cause to be discharged into the atmosphere from that affected facility any gases that contain particulate matter emissions in excess of 13 ng/J (0.030 lb/MMBtu) heat input, except as provided in paragraphs (e)(2) and (e)(3) of this section. Affected facilities subject to this paragraph, are also subject to the requirements of paragraphs (c) and (d) of this section.

Sec. 60.45c Compliance and performance test methods and procedures for particulate matter.
(a) The owner or operator of an affected facility subject to the PM and/or opacity standards under Sec. 60.43c shall conduct an initial performance test as required under Sec. 60.8, and shall conduct subsequent performance tests as requested by the Administrator, to determine compliance with the standards using the following procedures and reference methods, except as specified in paragraph (c) and (d) of this section.

(c) Units that burn only oil containing no more than 0.5 weight percent sulfur or liquid or gaseous fuels with potential sulfur dioxide emission rates of 230 ng/J (0.54 lb/MMBtu) heat input or less are not required to conduct emissions monitoring if they maintain fuel supplier certifications of the sulfur content of the fuels

burned.

Sec. 60.47c Emission monitoring for particulate matter.
(c) Units that burn only oil that contains no more than 0.5 weight percent sulfur or liquid or gaseous fuels with potential sulfur dioxide emission rates of 230 ng/J (0.54 lb/MMBtu) heat input or less are not required to conduct PM emissions monitoring if they maintain fuel supplier certifications of the sulfur content of the fuels burned.

§ 60.48c Reporting and recordkeeping requirements.

(a) The owner or operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by §60.7 of this part. This notification shall include:

(1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under §60.42c, or §60.43c.

(3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

(4) Notification if an emerging technology will be used for controlling SO_2 emissions. The Administrator will examine the description of the control device and will determine whether the technology qualifies as an emerging technology. In making this determination, the Administrator may require the owner or operator of the affected facility to submit additional information concerning the control device. The affected facility is subject to the provisions of §60.42c(a) or (b)(1), unless and until this determination is made by the Administrator.

(g) The owner or operator of each affected facility shall record and maintain records of the amounts of each fuel combusted during each day. The owner or operator of an affected facility that only burns very low sulfur fuel oil or other liquid or gaseous fuels with potential sulfur dioxide emissions rate of 140 ng/J (0.32 lb/MMBtu) heat input or less shall record and maintain records of the fuels combusted during each calendar month.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE

PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: Allison Transmission Division of General Motors Corporation
Source Address: 4700 West 10th Street, Indianapolis, Indiana, 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: 097-6898-00310

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

Please check what document is being certified:

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

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

Signature:
Printed Name:
Title/Position:
Phone:
Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
2700 South Belmont Ave.
Indianapolis Indiana 46221
Phone: 317-327-2234
Fax: 317-327-2274

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Allison Transmission Division of General Motors Corporation
Source Address: 4700 West 10th Street, Indianapolis, Indiana, 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: 097-6898-00310
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 or within two (**2**) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16

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

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

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

Page 2 of 2

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE

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

Source Name: Allison Transmission Division of General Motors Corporation
Source Address: 4700 West 10th Street, Indianapolis, Indiana, 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: 097-6898-00310

☐ Natural Gas Only ☐ Alternate Fuel burned From:_____ To:_____

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:

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION and COMPLIANCE MONITORING REPORT

Source Name: Allison Transmission Division of General Motors Corporation
Source Address: 4700 West 10th Street, Indianapolis, Indiana, 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: 097-6898-00310

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

Page 1 of 2

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

□ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

□ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

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

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

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
Part 70 Usage Report
(Submit Report Quarterly)

Source Name: Allison Transmission Division of General Motors
Source Address: 4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: T097-6898-00310
Facility: BLR 1, BLR 2, BLR 3, BLR 4, and BLR 5
Parameter: Filterable PM emissions
Limit: 39.3 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Quarter:_____ **Year:**_____

Month	Type of Fuel	Amount combusted this month	Amount combusted in the pervious 11 months	Filterable PM Emission Factor	Monthly Filterable PM Emissions (tons/month)	Twelve month sum of filterable PM Emissions (tons/12 months)
	#4 Reclaimed					
	Distillate Fuel					
	Natural Gas					
	#4 Reclaimed					
	Distillate Fuel					
	Natural Gas					
	#4 Reclaimed					
	Distillate Fuel					
	Natural Gas					

- ☐ No deviation occurred in this month.
- ☐ Deviation/s occurred in this quarter.

Deviation has been reported on :_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
Part 70 Usage Report
(Submit Report Quarterly)

Source Name: Allison Transmission Division of General Motors
Source Address: 4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: T097-6898-00310
Facility: Emission Unit ETC Test Cell 39N
Parameter: Diesel fuel usage; limit the potential to emit NO_x in Test Cell 39N to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.
Limit: The input of diesel fuel to reciprocating engines utilized in Test Cell Stand 39N shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Quarter:_____ Year:_____

	Column 1				Column 2				Column 1 + Column 2			
	This Month				Previous 11 Months				12 Month Total			
	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)
Month												
Month												
Month												

☐ No deviation occurred in this quarter.
☐ Deviation/s occurred in this quarter.

Deviation has been reported on:_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
Part 70 Usage Report
(Submit Report Quarterly)

Source Name:	Allison Transmission Division of General Motors
Source Address:	4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address:	4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.:	T097-6898-00310
Facility:	Emission Unit DTC (TC-107, TC-109, TC-111 & TC-112)
Parameter:	Combined diesel fuel usage; limit the combined potential to emit NO_x in Test Cells TC-107, TC-109, TC-111 & TC-112 to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.
Limit:	The combined input of diesel fuel to reciprocating engines utilized in Test Cells TC-107, TC-109, TC-111 & TC-112 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Quarter:_____ Year:_____

	Column 1				Column 2				Column 1 + Column 2			
	This Month				Previous 11 Months				12 Month Total			
	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)
Month												
Month												
Month												

- ☐ No deviation occurred in this month.
- ☐ Deviation/s occurred in this quarter.

Deviation has been reported on:_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
Part 70 Usage Report
(Submit Report Quarterly)

Source Name: Allison Transmission Division of General Motors
Source Address: 4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: T097-6898-00310
Facility: Emission Unit PTS12 (Test Stand C-33 only)
Parameter: Diesel fuel usage; limit the potential to emit NO_x in Test Stand C-33 to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.
Limit: The input of diesel fuel to reciprocating engines utilized in Test Stand C-33 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Quarter:_____ Year:_____

	Column 1				Column 2				Column 1 + Column 2			
	This Month				Previous 11 Months				12 Month Total			
	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)
Month												
Month												
Month												

- ☐ No deviation occurred in this month.
- ☐ Deviation/s occurred in this quarter.

Deviation has been reported on:_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
Part 70 Usage Report
(Submit Report Quarterly)

Source Name:	Allison Transmission Division of General Motors
Source Address:	4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address:	4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.:	T097-6898-00310
Facility:	Emission Unit PTS14 (Test Stands O-1 and O-2 only)
Parameter:	Combined diesel fuel usage; limit the combined potential to emit NO_x in Test Stands O-1 and O-2 to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.
Limit:	The combined input of diesel fuel to reciprocating engines utilized in Test Stands O-1 and O-2 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Quarter:_____ Year:_____

	Column 1				Column 2				Column 1 + Column 2			
	This Month				Previous 11 Months				12 Month Total			
	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)
Month												
Month												
Month												

- ☐ No deviation occurred in this month.
- ☐ Deviation/s occurred in this quarter.

Deviation has been reported on:_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
Part 70 Usage Report
(Submit Report Quarterly)

Source Name: Allison Transmission Division of General Motors
Source Address: 4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: T097-6898-00310
Facility: Emission Unit PTS14 (Test Stands O-24 and O-25 only)
Parameter: Combined diesel fuel usage; limit the combined potential to emit NO_x in Test Stands O-24 and O-25 to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.
Limit: The combined input of diesel fuel to reciprocating engines utilized in Test Stands O-24 and O-25 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Quarter:_____ Year:_____

	Column 1				Column 2				Column 1 + Column 2			
	This Month				Previous 11 Months				12 Month Total			
	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)
Month												
Month												
Month												

- ☐ No deviation occurred in this month.
- ☐ Deviation/s occurred in this quarter.

Deviation has been reported on:_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
Part 70 Usage Report
(Submit Report Quarterly)

Source Name:	Allison Transmission Division of General Motors
Source Address:	4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address:	4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.:	T097-6898-00310
Facility:	Emission Unit PTS14 (Test Stand O-31)
Parameter:	Diesel fuel usage; limit the potential to emit NO_x in Test Stand O-31 to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.
Limit:	The input of diesel fuel to reciprocating engines utilized in Test Stand O-31 shall be less than 182,481 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Quarter:_____ Year:_____

	Column 1				Column 2				Column 1 + Column 2			
	This Month				Previous 11 Months				12 Month Total			
	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)
Month												
Month												
Month												

- ☐ No deviation occurred in this month.
- ☐ Deviation/s occurred in this quarter.

Deviation has been reported on:_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE
Part 70 Usage Report
(Submit Report Quarterly)

Source Name: Allison Transmission Division of General Motors
Source Address: 4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: T097-6898-00310
Facility: Emission Unit ETC702 (Test Cell 702)
Parameter: Diesel fuel usage; limit the potential to emit NO_x in Test Cell 702 to less than forty (40) tons per twelve (12) consecutive month period with compliance determined at the end of each month.
Limit: The input of diesel fuel to reciprocating engines utilized in Test Cell 702 shall be less than 173,516 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. For the purposes of determining compliance, each gallon of diesel fuel burned in reciprocating engines that are equal to or less than 600 horsepower shall be equivalent to one and thirty seven hundredths (1.37) gallons of diesel fuel burned in reciprocating engines that are greater than 600 horsepower.

Quarter:_____ Year:_____

	Column 1				Column 2				Column 1 + Column 2			
	This Month				Previous 11 Months				12 Month Total			
	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)	Diesel fuel usage in engines > 600 hp (gal)	Equivalent gallons in engines ≤ 600 hp (gal x 1.37)	Total Diesel fuel usage (gal)	NO_x emissions (tons)
Month												
Month												
Month												

- ☐ No deviation occurred in this month.
- ☐ Deviation/s occurred in this quarter.

Deviation has been reported on:_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR QUALITY MANAGEMENT SECTION
DATA COMPLIANCE

Part 70 Usage Report

(Submit Report Quarterly)

Source Name: Allison Transmission Division of General Motors
Source Address: 4700 West 10th Street, Indianapolis Indiana 46222
Mailing Address: 4700 West 10th Street (M-29), Indianapolis, Indiana, 46222
Part 70 Permit No.: T097-6898-00310
Facility: Emission Unit ENCORE
Parameter: Single HAP and Combined HAP emissions
Limit: HAP emissions from emission unit ENCORE shall be limited to less than ten (10) tons per twelve consecutive month for any single HAP and shall be limited to less than ten (10) tons per twelve consecutive month period of any combination of HAP.

Quarter:_____ Year:_____

	HAP Emissions this Month		HAP Emissions Previous 11 months		Twelve Consecutive Month Total	
	Single HAP	Combined HAP	Single HAP	Combined HAP	Single HAP	Combined HAP
Month 1						
Month 2						
Month 3						

☐ No deviation occurred in this month.
☐ Deviation/s occurred in this quarter.

Deviation has been reported on:_____
Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

Attachment A

The following state rule have been adopted by reference by the Indianapolis Air Pollution Control Board and are enforceable by Indianapolis Office of Environmental Services (OES) using local enforcement procedures.

(1) 326 IAC 1-1-1 through 1-1-3 and 1-1-5;
(2) 326 IAC 1-2-1 through 1-2-91 (In addition, the IAPCB has adopted several local definitions);
(3) 326 IAC 1-3-1 through 1-3-4;
(4) 326 IAC 1-4-1 (The IAPCB added to the adoption by reference a citation to 61 FR 58482 (November 15, 1996));
(5) 326 IAC 1-5-1 through 1-5-5;
(6) 326 IAC 1-6-1 through 1-6-6;
(7) 326 IAC 1-7-1 through 1-7-5
(8) 326 IAC 2-3-1 through 2-3-5;
(9) 326 IAC 2-4-1 through 2-4-6;
(10) 326 IAC 2-6-1 through 2-6-4;
(11) 326 IAC 2-7-1 through 2-7-18, 2-7-20 through 2-7-25;
(12) 326 IAC 2-8-1 through 2-8-15, 2-8-17 through 2-8-10;
(13) 326 IAC 2-9-1 through 2-9-14;
(14) 326 IAC 2-10-1 through 2-10-5 (The IAPCB adoption adds the language "state or local" immediately after the word "federal" in 326 IAC 2-10-1);
(15) 326 IAC 2-11-1, 2-11-3 and 2-11-4 (The IAPCB adoption adds the language "federal, state or local" immediately after the word "by" in 326 IAC 2-11-1);
(16) 326 IAC 3-1.1-1 through 3-1.1-5;
(17) 326 IAC 3-2.1-1 through 3-2.1-5;
(18) 326 IAC 3-3-1 through 3-3-5;
(19) 326 IAC 4-2-1 through 4-2-2;
(20) 326 IAC 5-1-1 (a), (b) and c) (5), 5-1-2 (1), (2)(A), (2)c) (4), 5-1-3 through 5-1-5, 5-1-7;
(21) 326 IAC 7-1.1-1 and 7-1.1-2;
(22) 326 IAC 7-2-1;
(23) 326 IAC 7-3-1 and 7-3-2;
(24) 326 IAC 7-4-2(28) through (31) (Instead of adopting by reference 7-4-2(1) through (27), the IAPCB regulation substitutes the same requirements listed in a format in which the companies are alphabetized and emission points known to no longer exist have been deleted);
(25) 326 IAC 8-1-0.5 except (b), 8-1-1 through 8-1-2, 8-1-3 except c), (g) and (i), 8-1-5 through 8-1-12;
(26) 326 IAC 8-2-1 through 8-2-12 (The IAPCB adoption by reference of 8-2- 5 adds additional language specific to Zimmer Paper Products, Incorporated as subpart c);
(27) 326 IAC 8-3-1 through 8-3-7;
(28) 326 IAC 8-4-1 through 8-4-5, 8-4-6 (a)(6), (a)(8) and (a)(14) and 8-4-6(b)(1), (b)(3) and 8-4-6c) (In place of 8-4-6(b)(2), which was not adopted, the IAPCB adopted language requiring a pressure relief valve set to release at no less than four and eight-tenths (4.8) Kilo Pascals (seven-tenths (0.7) pounds per square inch)), 8-4-7 except (e), 8-4-8 and 8-4-9;
(29) 326 IAC 8-5-1 through 8-5-4, 8-5-5 except (a)(3) and (d)(3);
(30) 326 IAC 8-6-1 and 8-6-2;
(31) 326 IAC 9-1-1 and 9-1-2;
(32) 326 IAC 11-1-1 through 11-1-2;
(33) 326 IAC 11-2-1 through 11-2-3;
(34) 326 IAC 11-3-1 through 11-3-6;
(35) 326 IAC 14-1-1 through 14-1-4;

Attachment A continued

(36) 326 IAC 14-2-1 except 40 CFR 61.145;
(37) 326 IAC 14-3-1;
(38) 326 IAC 14-4-1;
(39) 326 IAC 14-5-1;
(40) 326 IAC 14-6-1;
(41) 326 IAC 14-7-1;
(42) 326 IAC 14-8-1 through 14-8-5;
(43) 326 IAC 15-1-1, 15-1-2(a)(1), (a)(2) and (a)(8), 15-1-3 and 15-1-4;
(44) 326 IAC 20-1-1 through 20-1-4 (In 20-1-3(b)(2) the adoption states that "permitting authority" means the commissioner of IDEM or the administrator of OES, whichever is applicable);
(45) 326 IAC 20-2-1;
(46) 326 IAC 20-3-1;
(47) 326 IAC 20-4-1;
(48) 326 IAC 20-5-1;
(49) 326 IAC 20-6-1;
(50) 326 IAC 20-7-1;
(51) 326 IAC 20-8-1;
(52) 326 IAC 20-9-1;
(53) 326 IAC 20-14-1;
(54) 326 IAC 20-15-1;
(55) 326 IAC 20-16-1;
(56) 326 IAC 20-17-1;
(57) 326 IAC 20-18-1;
(58) 326 IAC 20-19-1;
(59) 326 IAC 20-20-1;
(60) 326 IAC 20-21-1;
(61) 326 IAC 21-1-1 (The adoption states that "or the administrator of OES" is added in (b));
(62) 326 IAC 22-1-1 (The adoption states that "or the administrator of OES" is added in (b)).