INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: March 28, 2008

RE: General Motors Corp. / 003-24514-00036

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

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-17-3-4 and 326 IAC 2, this permit modification is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) days of 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.

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

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

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

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

Enclosures
FNTV-PMOD.doc 3/27/08

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Governor

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100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

March 28, 2008

Mr. George Kioultzopoulos
General Motors Corporation - Truck Group
12200 Lafayette Center Rd
Roanoke, Indiana 46783

RE: 003-24514-00036
Significant Permit Modification to
Part 70 Operating Permit No.: T003-5959-00036

Dear Mr. Kioultzopoulos:

General Motors Corporation - Truck Group was issued Part 70 Operating Permit No. T003-5959-00036 on June 24, 2002 for a stationary automobile and light duty truck assembly source. Pursuant to the provisions of 326 IAC 2-7-12, a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the removal of permit conditions requiring the use of continuous emission monitors (CEMs) for SO_2 and continuous opacity monitors (COMs) for boilers 004 and 005. The Permittee requested the removal of the permit conditions, since the hardware and software is obsolete and the compliance monitoring requirements of 40 CFR 60, Subpart Db can be achieved by other methods, such as the use of natural gas, landfill gas, the use of very low sulfur fuels and visible emission notations.

All other conditions of the permit shall remain unchanged and in effect. For your convenience, the entire revised Part 70 Operating Permit, with all modifications and amendments made to it, is being provided.

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 David Matousek, IDEM, Permits Branch, OAQ, 100 North Senate Avenue, MC61-53 IGCN 1003, Indianapolis, Indiana 46204-2251, or call at (800) 451-6027 and ask for David Matousek at extension 4-5174, or dial direct (317) 234-5174.

Sincerely,

Origin signed by

Donald F. Robin, P.E., Section Chief
Permits Branch
Office of Air Quality

Attachments
DJM/djm
CC: File - Allen County
U.S. EPA, Region V
Allen County Health Department
Air Compliance Section Inspector
Compliance Branch
Administrative and Development Section

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PART 70 OPERATING PERMIT
OFFICE OF AIR QUALITY

General Motors Corporation - Truck Group
12200 Lafayette Center Road
Roanoke, Indiana 46783

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

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

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

Operation Permit No.: T003-5959-00036	
Issued by: Original signed by Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: June 24, 2002 Expiration Date: June 24, 2007

First Significant Permit Modification No.: 003-17476-00036, issued on May 24, 2004; and
Second Significant Permit Modification No.: 003-19589-00036, issued on August 8, 2005.

Third Significant Permit Modification No.: 003-24514-00036	
Issued by: Original signed by Donald F. Robin, P.E., Section Chief Permits Branch Office of Air Quality	Issuance Date:March 28, 2008

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Quarterly Deviation and Compliance Monitoring Report

SECTION A SOURCE SUMMARY

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

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

The Permittee owns and operates a stationary automobile and light duty truck assembly plant.

Source Address:	12200 Lafayette Center Road, Roanoke, IN 46783
Mailing Address:	12200 Lafayette Center Road, Roanoke, IN 46783
General Source Phone No.	(260) 673-2480
SIC Code:	3711
County Location:	Allen
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program; Major, under PSD Rules; and Major Source, Section 112 of the Clean Air Act.

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

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

(a) Facility-wide natural gas usage, including combustion units described as follows:

(1) One (1) natural gas/No. 2 or No. 6 fuel oil/landfill gas fired boiler, identified as 003, constructed in 1968 and relocated to the source in August 1985, with a maximum capacity of 240 MMBtu/hr, using low excess air as control, and exhausting to stack 01,

(2) One (1) natural gas/No.2 fuel oil fired boiler, identified as 004, constructed in April 1992, with a maximum capacity of 228 MMBtu/hr for natural gas, and 220 MMBtu/hr for No. 2 fuel oil, using low NO_X burners and flue gas recirculation as control, and exhausting to stack 01,

(3) One (1) natural gas/No. 2 fuel oil fired boiler, identified as 005, constructed in March 1993, with a maximum capacity of 228 MMBtu/hr for natural gas, and 220 MMBtu/hr for No. 2 fuel oil, using low NO_X burners and flue gas recirculation as control, and exhausting to stack 01,

(4) Space heaters and process heaters using natural gas, identified as 007, with capacities from 10 to 100 MMBtu/hr, using no control, and exhausting to various stacks denoted as stack 13, and twenty (20) natural gas fired burners identified as MOD 1 through MOD 10 air supply house burners (each mod air supply house contains two burners) with emissions exhausted through their respective booth stacks denoted as SO4, each burner is rated at 12.6 MMBtu per hour.

(b) One (1) ELPO dipping system, identified as 006, constructed in August 1985, using natural gas thermal incinerators identified as #1 through #3 on the drying ovens as VOC control, and exhausting to stack 02,

(c) One (1) topcoat system, identified as 008, constructed in August 1985, using ten (10) natural gas fired catalytic oxidizers identified as #1 - #10 on the drying ovens as VOC control, with maximum capacity of the oxidizers #1 - #7 being 7.5 MMBtu/hr each, and the maximum capacity of oxidizers #8 - #10 being 9.5 MMBtu/hr each, and using water wash as PM control, and exhausting to stack 04,

(d) Miscellaneous sealers/adhesives/additives/solvents, identified as 009, constructed in August 1985, using no controls, and exhausting to stacks 07 and 08,

(e) One (1) primer surfacer system, identified as 010, constructed in March 1994, using a natural gas fired regenerative thermal oxidizer with a maximum capacity of 16 MMBtu/hr as VOC control, and water wash as PM control, and exhausting to stack 03. The Primer Surfacer System also includes applicators that purge internally through valves located inside the robot into a gun box. Additionally, the fixed bell cup wash purges into the booth and the robotic bells purge into a gun box within the booth. The booth is an enclosed manufacturing unit, which is directed to the control device described above.

(f) One (1) final repair operation, identified as 012, constructed in August 1985, using no control, and exhausting to stack 06 and spot repair stalls,

(g) One (1) maintenance paint operation, identified as 013, constructed in August 1985, using no control, and exhausting to stack 10,

(h) One (1) gasoline fill operation, identified as 014, constructed in August 1985, using either a natural gas afterburner with a maximum capacity of 0.15 MMBtu/hr, or the vehicle being fueled is equipped with an Onboard Refueling Vapor Recovery (ORVR) System as VOC control, and exhausting to stack 12.

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

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

(a) Grinding and machining operations controlled with fabric filters, 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.

(b) Storage tanks, identified as 1 (solvent/thinner), 2, (solvent/thinner), 7(automatic transmission fluid), 12 (fuel oil), 13 (fuel oil), 14 (fuel oil), 15 (fuel oil), and two (2) 18,900 gallon waste purge solvent tanks, all constructed after July 23, 1984.

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

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

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

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

SECTION B GENERAL CONDITIONS

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

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

B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5]

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

B.3 Enforceability [326 IAC 2-7-7]

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

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

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

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

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

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

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

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

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

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

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall 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, MC61-53 IGCN 1003
Indianapolis, Indiana 46206-6015

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

(b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.

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

(d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

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

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

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

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

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

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

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

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

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

(A) A description of the emergency;

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

(C) Corrective actions taken.

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

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

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

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

(e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.

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

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

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

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The

Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

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

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

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

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

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

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

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

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

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

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

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

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

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

(1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

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

B.14 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

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

(c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]

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

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

(1) That this permit contains a material mistake.

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

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

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

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty

(30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

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

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

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

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

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

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

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.

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

B.17 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]

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

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

B.18 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

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

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

B.19 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]

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

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

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

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

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

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

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

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

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

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

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

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

(3) Any change in emissions; and

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

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

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

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

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

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

B.21 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2]

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

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

(b) Have access to and copy any records that must be kept under the conditions of this permit;

(c) 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 and IC 13-14-2-2, 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 and IC 13-14-2-2, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

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

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

B.23 Annual Fee Payment [326 IAC 2-7-19][326 IAC 2-7-5(7)]

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

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

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

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

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [40 CFR 50 Subpart P][326 IAC 6-3-2]

(a) Pursuant to 40 CFR 52 Subpart P, particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

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

C.2 Opacity [326 IAC 5-1]

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

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

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

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

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

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

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

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

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

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

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

C.7 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.8 Asbestos Abatement Projects [326 IAC 14-10][326 IAC 18][40 CFR 61, Subpart M]

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

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

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

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

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, MC61-52 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

(f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.

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

C.9 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, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the 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.10 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. 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.11 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

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

C.12 Maintenance of Emission Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

(a) In the event that a breakdown of the emission monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less often than once per day until such time as the continuous monitor is back in operation.

(b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

C.13 Monitoring Methods [326 IAC 3][40 CFR 60][40 CFR 63]

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

C.14 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11][326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) Whenever a condition in this permit requires the measurement of a temperature or flow rate, the instrument employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (±2%) of full scale reading.

(b) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

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

C.15 Emergency Reduction Plans [326 IAC 1-5-2][326 IAC 1-5-3]

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

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

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

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAQ, 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.16 Risk Management Plan [326 IAC 2-7-5(12)][40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

(a) A compliance schedule for meeting the requirements of 40 CFR 68; or

(b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP).

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.17 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's shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

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

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan 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

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, the IDEM, OAQ shall be promptly notified 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 notification.

(4) Failure to take reasonable response steps shall constitute a violation of the permit.

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

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

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

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

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

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

(e) The Permittee shall record all instances when 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.18 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 documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

(1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);

(2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1) from the source, for purposes of Part 70 fee assessment.

(b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Modeling Section, Office of Air Quality
100 North Senate Avenue, MC61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

C.20 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

(a) Records of all required data, reports and support information 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 kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time. Such records may be maintained in computerized form.

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

(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, MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

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

Stratospheric Ozone Protection

C.22 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)]:
Facility-wide natural gas usage, including combustion units described as follows:

(a) One (1) natural gas/No. 2 or No. 6 fuel oil/landfill gas fired boiler, identified as 003, constructed in 1968 and relocated to the source in August 1985, with a maximum capacity of 240 MMBtu/hr, using low excess air as control, and exhausting to stack 01,

(b) One (1) natural gas/No.2 fuel oil fired boiler, identified as 004, constructed in April 1992, with a maximum capacity of 228 MMBtu/hr for natural gas, and 220 MMBtu/hr for No. 2 fuel oil, using low NO_X burners and flue gas recirculation as control, and exhausting to stack 01,

(c) One (1) natural gas/No. 2 fuel oil fired boiler, identified as 005, constructed in March 1993, with a maximum capacity of 228 MMBtu/hr for natural gas, and 220 MMBtu/hr for No. 2 fuel oil, using low NO_X burners and flue gas recirculation as control, and exhausting to stack 01,

(d) Space heaters and process heaters using natural gas, identified as 007, with capacities from 10 to 100 MMBtu/hr, using no control, and exhausting to various stacks denoted as stack 13, and twenty (20) natural gas fired burners identified as MOD 1 through MOD 10 air supply house burners (each mod air supply house contains two burners) with emissions exhausted through their respective booth stacks denoted as SO4, each burner is rated at 12.6 MMBtu per hour.

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

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

D.1.1 New Source Performance Standards (NSPS) for Fossil-Fuel-Fired Steam Generators [40 CFR 60, Subpart Db]

Boilers 004 and 005 are subject to the requirements of NSPS, 326 IAC 12, (40 CFR 60.44, Subpart Db) as follows:

(a) Pursuant to 40 CFR 60.44b(a), nitrogen oxide emissions from Boilers 004 and 005 shall not exceed 0.20 pounds per million BTU when combusting natural gas or #2 fuel oil. However, the above requirement is superseded by more stringent requirements elsewhere in this permit.

(b) Pursuant to 40 CFR 60.43b(f), opacity from Boilers 004 and 005 shall not exceed 20% per 6-minute average except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction.

(c) Pursuant to 40 CFR 60.42b(j), sulfur dioxide emissions from Boilers 004 and 005 shall not exceed 0.5 pounds per million BTU heat input when combusting #2 fuel oil. This requirement exempts the boilers from the requirements of 40 CFR 60.42b(a).

D.1.2 Prevention of Significant Deterioration (PSD) Best Available Control Technology (BACT) Limits [326 IAC 2-2][40 CFR 52.21]

Pursuant to 326 IAC 2-2-3 PSD BACT:

(a) for Boiler 003:

(1) PM emissions from Boiler 003 shall not exceed 0.015 lb/MMBtu when combusting natural gas, and shall not exceed 0.056 lb/MMBtu when combusting

fuel oil. Compliance with these limits shall satisfy the requirements of 326 IAC 6-2-4.

(2) PM emissions shall not exceed 16 tons per year from the combustion of natural gas, and shall not exceed 59 tons per year from the combustion of fuel oil.

(3) NO_X emissions shall not exceed 0.2 lb/MMBtu when combusting natural gas, and shall not exceed 0.3 lb/MMBtu when combusting fuel oil. These limits are considered PSD BACT for this emission unit.

(b) for Boiler 004:

(1) No. 2 fuel consumption shall not exceed 1.1 million gallons and this, with a fuel sulfur content of 0.49% shall in effect limit SO_2 emissions to less than 40 tons per 12 consecutive month period. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

(2) NO_X emissions shall not exceed 0.098 lb/MMBtu input from the combustion of natural gas and shall not exceed 0.13 lb/MMBtu input from the combustion of No. 2 fuel oil. Flue gas recirculation and low NO_X burners are considered PSD BACT for this emission unit.

(c) for Boiler 005:

(1) No. 2 fuel consumption shall not exceed 3.2 million gallons, and with an average heat content of 140,000 Btu/gallons, based on a 12 month rolling average, this fuel input limit shall, in effect, limit NO_X emissions to less than 40 tons per consecutive 12 month period. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

(2) NO_X emissions shall not exceed 0.098 lb/MMBtu from the combustion of natural gas and shall not exceed 0.13 lb/MMBtu from the combustion of No. 2 fuel oil.

D.1.3 Opacity Limits [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 for boiler 003 shall meet the following:

(a) When operating alone, the opacity from boiler 003 shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period. 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) in a six (6) hour period. The opacity standards apply except during periods of startup, shutdown, or malfunction.

(b) When operating with boiler 004 and/or boiler 005, the opacity from boiler 003 shall not exceed twenty percent (20%) per six (6) minute average except for one six (6) minute averaging period per hour of not more than twenty-seven percent (27%) opacity. The opacity standards apply except during periods of startup, shutdown, or malfunction.

D.1.4 SO_2 Emission Limits [326 IAC 7-1.1-2]

Pursuant to 326 IAC 7-1.1-2, SO_2 emissions:

(a) from Boiler 003 shall not exceed 1.6 lb/MMBtu when combusting No. 6 fuel oil, and shall not exceed 0.5 lb/MMBtu when combusting No. 2 fuel oil.

(b) from Boiler 004 shall not exceed 0.5 lb/MMBtu when combusting No. 2 fuel oil,

(c) from Boiler 005 shall not exceed 0.5 lb/MMBtu when combusting No. 2 fuel oil.

D.1.5 Particulate Emission Limitations for Sources of Indirect Heating [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), particulate matter (PM) emissions from the 240, 228, and 228 million BTU/hour boilers, 003, 004, and 005, shall be limited as follows:

(a) Boiler 003 shall be limited to 0.26 pound per million BTU heat input.

(b) Boiler 004 shall be limited to 0.22 pound per million BTU heat input.

(c) Boiler 005 shall be limited to 0.20 pound per million BTU heat input.

D.1.6 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

D.1.7 Nitrogen Oxides (NOx) [326 IAC 2-2]

(a) The natural gas throughput to the twenty (20) natural gas-fired burners shall be limited to six hundred and ten (610) million cubic feet of natural gas per 12 consecutive month period, determined at the end of each month.

(b) NOx emissions shall not exceed 100 pounds of NOx per million standard cubic feet of natural gas. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) shall not apply.

Compliance Determination Requirements

D.1.8 Sulfur Content Compliance [326 IAC 7-2-1]

Pursuant to 326 IAC 7-2-1, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed 0.5 pounds per million Btu by one of the following:

(a) Fuel sampling and analysis data shall be collected pursuant to procedures specified in 326 IAC 3-7-4 for oil combustion, and this data may be used to determine compliance or noncompliance with the emission limitations contained in 326 IAC 7-1-1. Computation of calculated sulfur dioxide emission rates from fuel sampling and analysis data shall be based on AP-42 emission factors. Fuel sampling and analysis data shall be collected as follows:

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

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

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

(c) Compliance or noncompliance with the emission limitation specified in 326 IAC 7-1.1 may be determined by conducting a stack test for sulfur dioxide emissions from the boilers, using 40 CFR 60, Appendix A, Method 6, 6A, 6C, or 8, in accordance with the procedures in 326 IAC 3-6; or

(d) Upon written notification of a facility owner or operator to the department, continuous emission monitoring data collected and reported pursuant to 326 IAC 3-5 may be used as the means for determining compliance.

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

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

D.1.9 Continuous Emission Monitoring [326 IAC 2-2][326 IAC 3-5][40 CFR 60, Subpart Db]

(a) Pursuant to 326 IAC 2-2, 326 IAC 3-5, and 326 IAC 12, the Permittee shall continuously monitor and record the following parameters to demonstrate compliance with the Conditions D.1.1 and D.1.2:

(1) Nitrogen oxide concentration for boilers 004 and 005, and

(2) Opacity for boilers 004 and 005, unless the Permittee uses one of the following to meet compliance monitoring requirements:

(A) Boiler 004 and boiler 005 use a PM CEMS to monitor PM emissions; or

(B) Boiler 004 and boiler 005 burn only liquid (excluding residual oil) or gaseous fuels with potential SO_2 emissions of 0.060 lb/MMBtu or less and do not use a post-combustion technology to reduce SO_2 or PM emissions. The Permittee shall maintain fuel records of the sulfur content of the fuels burned, as described in Condition D.1.11; or

(C) Boiler 004 and boiler 005 burn coke oven gas alone or in combination with fuels meeting the criteria in Condition D.1.9(a)(2)(B) and do not use a post-combustion technology to reduce SO_2 or PM emissions; or

(D) Boiler 004 and boiler 005 do not use post-combustion technology (except a wet scrubber) for reducing PM, SO_2, or carbon monoxide (CO) emissions, burns only gaseous fuels or fuel oils that contain less than or equal to 0.30 weight percent sulfur, and is operated such that emissions of CO to the atmosphere from boiler 004 and boiler 005 are maintained at levels less than or equal to 0.15 lb/MMBtu on a steam generating unit operating day average basis. The Permittee shall demonstrate compliance by the following:

(i) A CO CEM shall be installed, certified, maintained, and operated in accordance with Condition D.1.9(c) and (d).

(ii) The Permittee shall calculate the one (1) hour average CO emissions levels for each steam generating unit operating day by multiplying the average hourly CO output concentration measured by the CO CEMS times the corresponding average hourly flue gas flow rate and divided by the corresponding average hourly heat input to the boiler. The twenty-four (24) hour average CO emission level is determined by calculating the arithmetic average of the hourly CO emission levels computed for each steam generating unit operating day.

(iii) The Permittee shall evaluate the preceding twenty-four (24) hour average CO emission level each steam generating unit operating day excluding periods of boiler startup, shutdown, or malfunction. If the twenty-four (24) hour average CO emission level is greater than 0.15 lb/MMBtu, the Permittee shall initiate an investigation of the relevant equipment and control systems within twenty-four (24) hours of the first discovery of the high emission incident and, take the appropriate corrective action as soon as

practicable to adjust control settings or repair equipment to reduce the twenty-four (24) hour average CO emission level to 0.15 lb/MMBtu or less.

(iv) The Permittee shall record the CO measurements and calculations performed in accordance with Condition D.1.9(a)(2)(D)(ii) and (iii) and any corrective actions taken. The record of corrective action taken must include the date and time during which the twenty-four (24) hour average CO emission level was greater than 0.15 lb/MMBtu, and the date, time, and description of the corrective action.

(E) Boilers 004 and 005 burn fuel oils that contain less than or equal to 0.30 weight percent sulfur and a trained employee obtains visible emission notations in accordance with Condition D.1.10. The commissioner may require visible emission readings in accordance with 40 CFR 60, Appendix A-4, as required, to assure compliance with opacity requirements.

(b) The continuous monitoring systems have been installed and operational prior to conducting the performance tests. A monitoring protocol has been performed in accordance with the applicable procedures under 40 CFR 60, Appendix B, Performance Specification 1 and 326 IAC 3-5.

(c) The Permittee shall record the output of the system and shall perform the required record keeping, pursuant to 326 IAC 3-5-6, and reporting, pursuant to 326 IAC 3-5-7.

(d) In instances of CEM downtime, compliance with the NO_X emission limits established in Conditions D.1.1 and D.1.2 shall be determined by the use of the appropriate AP-42 emission factors. Compliance with the particulate emission limits contained in Conditions D.1.2 and D.1.5 shall be determined by burning clean fuels such as natural gas, landfill gas or distillate fuel oil.

D.1.10 Visible Emissions Notations

(a) Visible emission notations of stack 01 for boilers 003, 004 and 005 shall be performed once per day during normal daylight operations when burning fuel oil. A trained employee shall record whether emissions are normal or abnormal. Visible emission notations are not required when the Permittee initiates operation of the boilers on fuel oil to verify oil burning capability and each boiler operates on fuel oil less than one (1) hour on a quarterly basis.

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

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

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

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

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

D.1.11 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1, D.1.2, D.1.3 and D.1.4, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the NO_X, SO_2, and opacity emission limits established in Conditions D.1.1, D.1.2, D.1.3 and D.1.4.

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

(2) The Permittee shall record the output of the NOx continuous emissions monitoring systems on Boilers 004 and 005 and shall perform the required record keeping, pursuant to 326 IAC 3-5-6.

(3) The Permittee shall calculate PM emissions from Boiler 003 based on appropriate emission factors contained in U.S. EPA publication AP-42, "Compilation of Air Pollutant Emission Factors."

(b) The Permittee shall keep records of heat input for each of the boilers.

(c) The Permittee shall keep monthly records of the amount of natural gas, landfill gas, No. 2 fuel oil and No. 6 fuel oil used in boilers 003, 004 and 005.

(d) To document compliance with Condition D.1.7, the Permittee shall maintain records of the natural gas usage monthly.

(e) To document compliance with Conditions D.1.3 and D.1.10, the Permittee shall maintain a daily record of visible emission notations of stack 01 for boilers 003, 004 and 005 stack exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day, conducted start-up for validation purposes, the process did not burn oil that day).

(f) 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:

(1) Fuel supplier certifications;

(2) The name of the fuel supplier; and

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

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

D.1.12 Reporting Requirements

(a) A quarterly summary of the information to document compliance with Condition D.1.2 and D.1.7 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The natural gas fired boiler certification, shall be submitted to the address 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 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).

(c) The Permittee shall submit NOx CEM performance audit reports pursuant to 326 IAC 3-5-5(e).

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:
One (1) ELPO prime coating system, identified as 006, using natural gas thermal incinerators identified as #1 through #3 on the drying ovens as VOC control, and exhausting to stack 02,

Miscellaneous sealers/adhesives/additives/solvents, identified as 009, using no controls, and exhausting to stacks 07 and 08,

One (1) final repair operation, identified as 012, using no control, and exhausting to stack 06 and spot repair stalls,

One (1) maintenance paint operation, identified as 013, using no control, and exhausting to stack 10,

One (1) gasoline fill operation, identified as 014, constructed in August 1985, using either a natural gas afterburner with a maximum capacity of 0.15 MMBtu/hr, or the vehicle being fueled is equipped with an Onboard Refueling Vapor Recovery (ORVR) System as VOC control, and exhausting to stack 12.

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

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

D.2.1 NSPS Performance Standards for Automobile and Light Duty Truck Manufacturers [40 CFR 60.392, Subpart MM]

Pursuant to 40 CFR 60.392, Subpart MM (Performance Standards for Automobile and Light Duty Truck Manufacturers), the VOC emissions from the ELPO prime coating system, 006, shall not exceed 0.17 kg/l of applied coating solids.

D.2.2 PSD BACT Limits [326 IAC 2-2][40 CFR 52.21]

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration), total VOC usage shall be limited such that the source's VOC potential to emit does not exceed 3,204 tons per twelve consecutive month period.

D.2.3 Automobile and Light Duty Truck Coating Operations [326 IAC 8-2-2]

Pursuant to 326 IAC 8-2-2 (Automobile and Light Duty Truck Coating Operations), the volatile organic compound (VOC) content of coatings applied to automobile and light duty truck bodies, hoods, door, cargo boxes, fenders, and grill openings shall be limited as follows:

(a) the prime coating ELPO system, 006, is limited to 1.9 lb VOC/gallon (0.23 kg/l) less water.

(b) the final repair system, 012, is limited to 4.8 lb/gallon (0.58 kg/l) of VOC less water.

D.2.4 Miscellaneous Metal Coating Operations [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator:

(a) for the miscellaneous sealers and adhesives portion of source 009 shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for forced warm air or air dried coatings.

Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.2.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities, 006, and their control devices.

Compliance Determination Requirements

D.2.6 Volatile Organic Compounds Emissions

(a) Compliance with Condition D.2.1 shall be determined within 30 days of the end of each month based on 40 CFR 60, Subpart MM, §60.393(c).

(b) Compliance with Condition D.2.2 shall be determined within 30 days of the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

D.2.7 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11][326 IAC 2-2][40 CFR 52.21]

The following facilities are required to stack test, when the incinerator abatement credit is used to show compliance with Condition D.2.1 and D.2.2, as follows:

(a) for one (1) of the thermal incinerators, #1 - #3, controlling the ELPO emissions, a stack test for capture and destruction efficiency shall be performed every two and one-half (2 1/2) years, testing on an incinerator shall not be repeated until each one has been tested.

D.2.8 VOC Controls

The thermal incinerators #1 - #3 for the ELPO prime system shall be in operation at all times the processes that they are controlling are in operation, if the abatement credit is used to show compliance with Conditions D.2.1 and D.2.2.

D.2.9 VOC Control Requirements for the Thermal Incinerators #1 - #3 [326 IAC 2-2] [40 CFR 52.21][40 CFR 60, Subpart MM]

The following requirements are only necessary if the VOC reduction credit for the incinerators is used to show compliance with the emission limits:

(a) The temperature measurement device shall be installed in the firebox.

(b) A continuous monitoring system on the VOC control devices for measuring operating temperature shall be calibrated, maintained, and operated according to accepted practice and manufacturer's specifications. The device shall have an accuracy of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or ± 0.25 ^{o} C.

(c) The output of this system shall be recorded at least once every 15 minutes during production operation.

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

D.2.10 Record Keeping Requirements

(a) To document compliance with Conditions D.2.1, D.2.2, D.2.3, D.2.4, and D.2.9, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.2.1, D.2.2, D.2.3, and D.2.4.

(1) The monthly volume weighted average mass of VOC emitted per volume of applied coating solids for the prime coat as specified in 40 CFR 60, Subpart MM, Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations.

(2) The monthly VOC usage and VOC content of each of the following materials. Records may include purchase orders, invoices, and material safety data sheets (MSDS) as necessary to verify the type and amount used.

(A) ELPO coating additions

(B) Miscellaneous sealers, adhesives and solvents

(C) Final repair coatings and reducing solvents

(D) Maintenance coatings

(3) The weight of VOCs emitted for each month;

(4) The temperature records for the ELPO thermal incinerator if abatement credits are used to determine compliance, the temperature used to demonstrate compliance during the most recent compliance stack test, and every three hour period during which the average thermal incinerator temperature was more than 28 °C lower (more than 50.4 °F lower) than the temperature used to demonstrate compliance during the most recent compliance stack test.

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

D.2.11 Reporting Requirements

(a) A quarterly summary of the information to document compliance with Conditions D.2.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) Pursuant to 40 CFR 60.395(c), the Permittee shall submit a calendar quarterly report of any instances where compliance with 40 CFR 60.392 was to be achieved through the use of thermal incineration and there were periods of excess emissions. For the purpose of reports under 40 CFR 60.7, periods of excess emissions shall be determined as all 3-hour periods during which the average temperature measured is more than 28 °C lower (more than 50.4 °F lower) than the average temperature during the most recent test at which the destruction efficiency was determined. If no such periods occur, the Permittee shall submit a negative report.

SECTION D.3 FACILITY OPERATION CONDITIONS

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

One (1) topcoat electrostatic/air atomized system, identified as 008, using ten (10) natural gas fired catalytic oxidizers identified as #1 - #10 on the drying ovens as VOC control, with maximum capacity of the oxidizers #1 - #7 being 7.5 MMBtu/hr each, and the maximum capacity of oxidizers #8 - #10 being 9.5 MMBtu/hr each, and using water wash as PM control, and exhausting to stack 04.

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

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

D.3.1 NSPS Performance Standards for Automobile and Light Duty Truck Manufacturers [40 CFR 60.392, Subpart MM]

Pursuant to 40 CFR 60.392, Subpart MM (Performance Standards for Automobile and Light Duty Truck Manufacturers), the VOC emissions from the topcoat system, 008, shall not exceed 1.47 kg/l of applied coating solids.

D.3.2 PSD BACT Limits [326 IAC 2-2][40 CFR 52.21]

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration), total VOC usage shall be limited such that the source's VOC potential to emit does not exceed 3,204 tons per twelve consecutive month period.

D.3.3 Automobile and Light Duty Truck Coating Operations [326 IAC 8-2-2]

Pursuant to 326 IAC 8-2-2 (Automobile and Light Duty Truck Coating Operations), the volatile organic compound (VOC) content of coatings applied to automobile and light duty truck bodies, hoods, door, cargo boxes, fenders, and grill openings shall be limited as follows:

The topcoat system, 008, are limited to 15.1 lb VOC/gallon of applied coating solids, as determined by the EPA "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations" (EPA-450/3-88-018 December 1988) and any subsequent revisions or 2.8 pounds of VOC/gallon (0.34 kg/l) of coating less water delivered to the applicator.

D.3.4 Particulate Matter (PM) [326 IAC 6-3-2(d)][40 CFR 52]

(a) Pursuant to 40 CFR 52 Subpart P, the particulate matter (PM) emissions from overspray shall be limited by the following:

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

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

(2) Interpolation and extrapolation of the data for process weight rates greater than sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

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

(b) Pursuant to 326 IAC 6-3-2(d), overspray shall be controlled by a dry particulate filter, water wash, or an equivalent control device. The Permittee shall operate the control device in accordance with manufacturer's specifications. The requirement to operate the control device is not federally enforceable.

D.3.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities, 008, and their control devices.

Compliance Determination Requirements

D.3.6 Volatile Organic Compounds Emissions [326 IAC 2-2][40 CFR 52.21][40 CFR 60, Subpart MM]

(a) Compliance with Condition D.3.1 shall be determined within 30 days of the end of each month based on 40 CFR 60, Subpart MM, §60.393(c).

(b) Compliance with Condition D.3.2 shall be determined within 30 days of the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

D.3.7 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11][326 IAC 2-2][40 CFR 52.21]

The following facilities are required to stack test, when the oxidizer abatement credit is used to show compliance with Condition D.3.1 and D.3.2, as follows:

(a) For two (2) of the 7.5 MMBtu/hr catalytic oxidizers and one (1) of the 9.5 MMBtu/hr catalytic oxidizers, a test for destruction efficiency shall be performed every two and one-half (2.5) years. Testing on a catalytic oxidizer shall not be repeated until each one has been tested.

D.3.8 PM and VOC Controls [326 IAC 2-2][40 CFR 52.21]

(a) The water wash shall be in operation at all times the topcoat surface coating is in operation, in order to comply with 326 IAC 6-3-2(d). The requirement to operate the control device is not federally enforceable.

(b) The catalytic oxidizers #1 - #10 for the topcoat system shall be in operation at all times the processes that they are controlling are in operation, if the abatement credit is used to show compliance with Conditions D.3.2 and D.3.3.

D.3.9 VOC Control Requirements [326 IAC 2-2][40 CFR 52.21][40 CFR 60, Subpart MM]

The following VOC control requirements are only necessary if the VOC reduction credit from the incinerators is used to show compliance with the emission limits:

(a) A temperature measurement device shall be installed in the gas stream immediately before and after the catalyst bed.

(b) A continuous monitoring system on the VOC control devices for measuring operating temperature shall be calibrated, maintained, and operated according to accepted practice and manufacturer's specifications. The device shall have an accuracy of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or ± 0.25 ^{o} C.

(c) The output of this system shall be recorded at least every 15 minutes during production operation.

D.3.10 Monitoring [326 IAC 2-2][40 CFR 52.21]

PM Control:

(a) Monitor condition of the water wash system through the use of alarms on the water pumps that feed the system. Records of date of alarms and any corrective actions shall be maintained.

(b) The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

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

D.3.11 Record Keeping Requirements

(a) To document compliance with Conditions D.3.1, D.3.2, and D.3.3, and D.3.9, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.3.1, D.3.2, and D.3.3.

(1) The monthly volume weighted average mass of VOC emitted per volume of applied coating solids for the prime coat as specified in 40 CFR 60, Subpart MM, Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations.

(2) The monthly VOC usage and VOC content of the material used in the topcoat system. Records may include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

(3) The weight of VOCs emitted for each month;

(4) The temperature records for the oxidizers if abatement credits are used to determine compliance, and the temperature used to demonstrate compliance during the most recent compliant stack test.

(b) To document compliance with Condition D.3.4, the Permittee shall maintain records as required under Condition D.3.10.

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

D.3.12 Reporting Requirements

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

(b) Pursuant to 40 CFR 60.395(c), the Permittee shall submit a calendar quarterly report of any instances where compliance with 40 CFR 60.392 was to be achieved through the use of catalytic incineration and there were periods of excess emissions. For the purpose of reports under 40 CFR 60.7, periods of excess emissions shall be determined as follows:

(1) All 3-hour periods during which the average temperature measured immediately before the catalyst bed, when the coating system is operational, is more than 28 °C lower (more than 50.4 °F lower) than the average temperature immediately before the catalyst bed during the most recent test at which the destruction efficiency was determined.

(2) All 3-hour periods during which the average temperature difference across the catalyst bed, when the coating system is operational, is less than 80% of the average temperature difference during the most recent test at which destruction efficiency was determined.

If no such periods occur, the Permittee shall submit a negative report.

SECTION D.4 FACILITY OPERATION CONDITIONS

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

One (1) primer surfacer system, identified as 010, constructed in March 1994, using a natural gas fired regenerative thermal oxidizer with a maximum capacity of 16 MMBtu/hr as VOC control, and water wash as PM control, and exhausting to stack 03. The Primer Surfacer System also includes applicators that purge internally through valves located inside the robot into a gun box. Additionally, the fixed bell cup wash purges into the booth and the robotic bells purge into a gun box within the booth. The booth is an enclosed manufacturing unit, which is directed to the control device described above.

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

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

D.4.1 NSPS Performance Standards for Automobile and Light Duty Truck Manufacturers [40 CFR 60.392, Subpart MM]

Pursuant to 40 CFR 60.392, Subpart MM (Performance Standards for Automobile and Light Duty Truck Manufacturers), the VOC emissions from the primer surfacer, 010, shall not exceed 1.40 kg/l (11.68 lb/gal) of solids applied from each guide coat operation.

D.4.2 PSD BACT Limits [326 IAC 2-2][40 CFR 52.21]

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration), total VOC usage shall be limited such that the source's VOC potential to emit does not exceed 3,204 tons per twelve consecutive month period.

D.4.3 Volatile Organic Compound (VOC) Content Limitations [326 IAC 8-2-9]

(a) Pursuant to 326 IAC 8-2-9, the owner or operator shall not allow the discharge into the atmosphere of VOC in excess of three (3.0) pounds of VOC per gallon of coating, excluding water, as delivered to the applicators at the Primer Surfacer System.

(b) Pursuant to 326 IAC 8-1-2 (b), the Primer Surfacer System VOC emissions shall be limited to no greater than the equivalent emissions, expressed as pounds of VOC per gallon of coating solids, allowed in (a).

This equivalency was determined by the following equation:

$$E = L / (1 - (L/D))$$

Where

L = Applicable emission limit from 326 IAC 8 in pounds of VOC per gallon of coating;

D = Density of VOC in coating in pounds per gallon of VOC;

E = Equivalent emission limit in pounds of VOC per gallon of coating solids as applied.

Actual solvent density shall be used to determine compliance of the surface coating operation using the compliance methods in 326 IAC 8-1-2 (a).

(c) The pounds of VOC per gallon of coating solids shall be limited to less than 5.1 pounds per gallon.

(d) Pursuant to 326 IAC 8-1-2(c), the overall efficiency of the thermal oxidizer shall be no less than the equivalent overall efficiency calculated by the following equation:

$$O = \frac{V - E}{V} \times 100$$

Where:

V = The actual VOC content of the coating or, if multiple coatings are used, the daily weighted average VOC content of all coatings, as applied to the subject coating line as determined by the applicable test methods and procedures specified in 326 IAC 8-1-4 in units of pounds of VOC per gallon of coating solids as applied.

E = Equivalent emission limit in pounds of VOC per gallon of coating solids as applied.

O = Equivalent overall efficiency of the capture system and control device as a percentage.

The overall efficiency of the thermal oxidizer shall be no less than 21.5 percent.

D.4.4 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9 (f), all solvents sprayed from the application equipment of Primer Surfacer System during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

D.4.5 Particulate Matter (PM) [326 IAC 6-3-2(d)][40 CFR 52]

(a) Pursuant to 40 CFR 52 Subpart P, the particulate matter (PM) emissions from overspray shall be limited by the following:

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

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

(2) Interpolation and extrapolation of the data for process weight rates greater than sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

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

Pursuant to 326 IAC 6-3-2(d), overspray shall be controlled by a dry particulate filter, water wash, or an equivalent control device. The Permittee shall operate the control device in accordance with manufacturer's specifications. The requirement to operate the control device is not federally enforceable.

D.4.6 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities, 010, and their control devices.

Compliance Determination Requirements

D.4.7 Volatile Organic Compounds Emissions [326 IAC 2-2][40 CFR 52.21][40 CFR 60, Subpart MM]

(a) Compliance with Condition D.4.1 shall be determined within 30 days of the end of each month based on 40 CFR 60, Subpart MM, §60.393 Performance test and compliance provisions (c)(2) for the primer surfacer, 010, which uses a capture system and a control device that destroys VOC to comply with the emission limit specified.

(b) Compliance with Condition D.4.2 shall be determined within 30 days of the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

D.4.8 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11][40 CFR 60, Subpart MM]

The following facilities are required to stack test to show compliance with Conditions D.4.1, D.4.2 and D.4.3 as follows:

(a) For the regenerative thermal oxidizer controlling the primer surfacer emissions, a stack test for capture and destruction efficiency shall be performed every two and one-half (2.5) years.

(1) In subsequent months, the Permittee shall use the most recently determined capture efficiency from the most recent performance test;

(2) In subsequent months, the Permittee shall use the most recently determined VOC destruction efficiency from the most recent performance test.

D.4.9 PM and VOC Controls [326 IAC 2-2][40 CFR 52.21][40 CFR 60, Subpart MM][326 IAC 8-1-2]

(a) The water wash shall be in operation at all times the primer surface coating is in operation, in order to comply with 326 IAC 6-3-2(d). The requirement to operate the control device is not federally enforceable.

(b) The primer surfacer regenerative thermal oxidizer shall be in operation at all times the processes that it controls are in operation, in order to comply with Conditions D.4.1, D.4.2, and D.4.3.

D.4.10 VOC Control Requirements for the Primer Surfacer Regenerative Thermal Oxidizer [326 IAC 2-2] [40 CFR 52.21][40 CFR 60, Subpart MM]

(a) The temperature measurement device shall be installed in the firebox.

(b) A continuous monitoring system on the VOC control devices for measuring operating temperature shall be calibrated, maintained, and operated according to accepted practice and manufacturer's specifications. The device shall have an accuracy of ± 0.75 percent of the temperature being measured expressed in degrees Celsius or ± 0.25 ^{o} C.

(c) The output of this system shall be recorded at least once every 15 minutes during production operation.

D.4.11 Monitoring [326 IAC 2-2][40 CFR 52.21][40 CFR 60, Subpart MM]

(a) PM Control:

(1) Monitor condition of the water wash system through the use of alarms on the water pumps that feed the system. Records of dates of alarms and any corrective actions shall be maintained.

(2) The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in

accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

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

D.4.12 Record Keeping Requirements

(a) To document compliance with Conditions D.4.1, D.4.2, D.4.3 and D.4.10, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.4.1, D.4.2 and D.4.3.

(1) The monthly volume weighted average mass of VOC emitted per volume of applied coating solids as specified in 40 CFR 60, Subpart MM.

(2) The monthly VOC usage and VOC content of each of the materials used in the primer surfacer system. Records may include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

(3) The weight of VOCs emitted for each month;

(4) The temperature records for the primer surfacer thermal incinerator if abatement credits are used to determine compliance, the temperature used to demonstrate compliance during the most recent compliance stack test, and every three hour period during which the average thermal incinerator temperature was more than 28 °C lower (more than 50.4 °F lower) than the temperature used to demonstrate compliance during the most recent compliance stack test.

(b) To document compliance with Condition D.4.3, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC content limit established in Condition D.4.3

(1) The VOC content of each coating material and reducer solvent used less water.

(2) The amount of coating material and reducer solvent used on a monthly basis. Records shall include purchase orders, invoices, material safety data sheets (MSDS), or vendor certification necessary to verify the type and amount used.

(3) The total VOC usage for each month.

(c) To document compliance with Condition D.4.5, the Permittee shall maintain records as required under Condition D.4.11.

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

D.4.13 Reporting Requirements

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

(b) Pursuant to 40 CFR 60.395(c), the Permittee shall submit a calendar quarterly report of any instances where compliance with 40 CFR 60.392 was to be achieved through the use of thermal incineration and there were periods of excess emissions. For the purpose of reports under 40 CFR 60.7, periods of excess emissions shall be determined as all 3-hour periods during which the average temperature measured is more than 28 °C lower (more than 50.4 °F lower) than the average temperature during the most recent test at which the destruction efficiency was determined. If no such periods occur, the Permittee shall submit a negative report.

SECTION D.5 FACILITY OPERATION CONDITIONS

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

Storage tanks, identified as 1(solvent/thinner), 2 (solvent/thinner), 7(automatic transmission fluid), 12 (fuel oil), 13 (fuel oil), 14 (fuel oil), 15 (fuel oil), and two (2) 18,900 gallon waste purge solvent tanks.

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.

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

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

D.5.1 New Source Performance Standards for Volatile Organic Liquid Storage Vessels [40 CFR 60, Subpart Kb]

Pursuant to 40 CFR 60, Subpart Kb, storage tanks 7, 12, 13, 14, 15, and two (2) 18,900 gallon waste purge solvent tanks, constructed after July 23, 1984, shall comply with 40 CFR 60.116b (a), (b), and (c).

D.5.2 Particulate Matter Limitations for Process Operations [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Operations), the allowable PM emission rate from the grinding facilities shall not exceed 0.551 pounds per hour when operating at a process weight rate of less than 100 pounds per hour.

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

D.5.3 Record Keeping Requirements

Pursuant to 326 IAC 12 and 40 CFR 60, Subpart Kb, storage tanks 1, 2, 7, 12, 13, 14, 15, and two (2) 18,900 gallon waste purge solvent tanks, constructed after July 23, 1984, shall comply with the following:

(a) Maintain records of the dimensions and capacities of any storage vessel with capacities between 10,567 gallons and 19,813 gallons.

(b) Maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of the VOL during the respective storage period for storage vessels with capacities between 19,813 and 39,890 gallons, storing a liquid with a maximum true vapor pressure greater than or equal to 15 kPa.

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

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036

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

Please check what document is being certified:

□ Annual Compliance Certification Letter

□ Test Result (specify)

□ Report (specify)

□ Notification (specify)

□ Affidavit (specify)

□ Other (specify)

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

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

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

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036

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

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

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

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

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

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

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

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

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

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036

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

Report period
Beginning: _____
Ending: _____

Boiler Affected	Alternate Fuel	Days burning alternate fuel From	To

(can omit identification of boiler affected if only one gas boiler at this plant)

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

Part 70 Quarterly Report

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036
Facility: Boiler 03
Parameter: PM Emissions (when burning natural gas)
Limit: Less than 16 tons per 12 consecutive month period

QUARTER : _____ YEAR: _____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036
Facility: Boiler 03
Parameter: PM Emissions (when burning No. 2 and No. 6 fuel oils)
Limit: Less than 59 tons per 12 consecutive month period

QUARTER : _____ YEAR: _____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036
Facility: Boiler 04
Parameter: No. 2 fuel oil usage (Fuel Oil Sulfur Content Limit 0.49%)
Limit: Less than 1.1 million gallons per 12 consecutive month period

QUARTER : _____ YEAR: _____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036
Facility: Boiler 05
Parameter: No. 2 fuel oil usage (Fuel Oil Sulfur Content Limit 0.49%)
Limit: Less than 3.2 million gallons per 12 consecutive month period

QUARTER : _____ YEAR: _____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036
Facility: Entire Source
Parameter: VOC
Limit: Less than 3,204 tons per 12 consecutive month period

QUARTER : _____ YEAR: _____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

Part 70 Quarterly Report

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036
Facility: Twenty (20) natural gas-fired burners, known as MOD 1 through MOD 10 (each mod contains two burners)
Parameter: Million Cubic Feet of natural gas burned (NOx)
Limit: Less than Six hundred ten (610) million cubic feet of natural gas per twelve (12) consecutive month period, with compliance determined at the end of each month, equivalent to 30.5 tons of NOx per twelve (12) consecutive month period.

QUARTER : _____ YEAR: _____

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

☐ No deviation occurred in this quarter.

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

PART 70 OPERATING PERMIT

QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: General Motors Corporation - Truck Group
Source Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Mailing Address: 12200 Lafayette Center Road, Roanoke, Indiana 46783
Part 70 Permit No.: T003-5959-00036

Months: _____ to _____ Year: _____

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

□ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

□ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

Form Completed by:_____

Title / Position: _____

Date:_____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Part 70 Significant Permit Modification

Source Description and Location

Source Name:	General Motors Corporation - Truck Group
Source Location:	12200 Lafayette Center Road, Roanoke, Indiana 46783
County:	Allen County
SIC Code:	3711
Operation Permit No.:	T003-5959-00036
Operation Permit Issuance Date:	June 24, 2002
Significant Permit Modification No.:	003-24514-00036
Permit Reviewer:	David J. Matousek

Existing Approvals

General Motors Corporation - Truck Group was issued a Part 70 Operating Permit No. T003-5959-00036 on June 24, 2002. The source submitted an application for a Part 70 Operating Permit Renewal on July 18, 2006. At this time, the Renewal application is still under review. The source is operating under the following approvals:

a) Part 70 Operating Permit No. T003-5959-00036, issued on June 24, 2002;

b) First Significant Permit Modification No. 003-17476-00036, issued on May 24, 2004; and

c) Second Significant Permit Modification No. 003-19589-00036, issued on August 8, 2005.

County Attainment Status

The source is located in Allen County.

Pollutant	Status
PM_{10}	Attainment
$PM_{2.5}$	Attainment
SO_2	Attainment
NO_2	Attainment
8-hour Ozone	Attainment
CO	Attainment
Lead	Attainment

Note: On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to redesignate Allen, Clark, Elkhart, Floyd, LaPorte, St. Joseph as attainment for the 8-hour ozone standard.

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

(b) Allen County has been classified as attainment for $PM_{2.5}$. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for $PM_{2.5}$ emissions. Therefore, until the U.S.EPA adopts specific provisions for PSD

review for $PM_{2.5}$ emissions, it has directed states to regulate PM_{10} emissions as a surrogate for $PM_{2.5}$ emissions.

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

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

(e) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.

Actual Emissions

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

Pollutant	**Actual Emissions** (ton/yr)
PM	Not Reported
PM_{10}	21.0
SO_2	1.0
VOC	1,194.0
CO	74.0
NO_X	110.0
Total HAPs	Not Reported

Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a Part 70 Operating Permit modification application, submitted by General Motors Corporation - Truck Group on March 27, 2007, relating to the removal of permit conditions requiring the use of continuous emission monitors (CEMs) for SO_2 and continuous opacity monitors (COMs) for boilers 004 and 005. The Permittee requested the removal of the permit conditions, since the hardware and software is obsolete and the compliance monitoring requirements of 40 CFR 60, Subpart Db can be achieved by other methods, such as the use of natural gas, landfill gas, the use of very low sulfur fuels and visible emission notations.

The CEMs and COMs were initially installed in 1984, when boiler 004 and 005 were coal fired fluidized bed boilers, under construction permit 003-1575-00036. In 1992 and 1993, boilers 004 and 005 were reconstructed to allow the use of natural gas and No. 2 fuel oil under construction permits 003-2000-00036 and 003-2524-00036; however, the requirements for continuous emission monitoring for SO_2 and continuous opacity monitoring remained in the permit. Boiler 004 and 005 can no longer burn coal.

Since the requirements for the CEMs are legacy requirements from the coal fired operation and the NSPS requirements, the Permittee requested the Indiana Department of Environmental Management to revise the permit conditions to allow the removal of the CEMs. In order to allow the removal of CEMs for SO_2 installed in boilers 004 and 005, the Permittee will burn natural gas or very low sulfur fuel oil as defined in 40 CFR 60, Subpart Db. To document compliance, a permit condition has been added to require the use of natural gas or very low sulfur oil and to allow the documentation of fuel sulfur content using vendor supplied certifications.

To allow the removal of the COMs installed on boilers 004 and 005, the Permittee requested the addition of all of the compliance monitoring requirements of 40 CFR 60.48b(j), Subpart Db into a permit condition. In addition, IDEM traditionally requires the use of visible emission notations when a COM is not installed and fuel oil is burned. These visible emission notations are complicated at this source in two ways. First, boilers 003, 004 and 005 have individual flues but exhaust from the same stack. The Permittee states the flues can be seen individually in the stack. Secondly, the opacity limit for boiler 003 differs from boilers 004 and 005. This concern was raised in the Addendum to the Technical Support Document for Significant Permit Modification number 003-17476-00036. The opacity limit for boiler 003 is forty percent (40%) per six (6) minute average in accordance with 326 IAC 5-1-2(1)(A). The opacity limit for boiler 004 and 005 is twenty percent (20%) per six minute average in accordance with 40 CFR 60, Subpart Db. Boiler 003 is not subject to 40 CFR 60, Subpart Db, since it predates the applicability date. To address IDEM's concern about the possibility of boilers 004 and 005 improving the apparent opacity of boiler 003, the Permittee has agreed to operate boiler 003 alone while burning fuel oil or to operate boiler 003 to comply with the 20% opacity limit while burning fuel oil.

Enforcement Issues

There are no pending enforcement actions.

Emission Calculations

This modification involves a change in monitoring, reporting and recordkeeping only. There are no changes proposed in the potential to emit for this source; therefore, no emission calculations are required.

Permit Level Determination – Part 70

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

This modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d)(1), because a significant change in monitoring requirements is proposed.

Permit Level Determination – PSD or Emission Offset

This modification to an existing major stationary source is not major because no increase in emissions is proposed. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 326 IAC 2-3 (Emission Offset) are not applicable to this modification.

Federal Rule Applicability Determination

The following federal rules are applicable to this modification.

NSPS:

(a) Boiler 004, constructed in April 1992, and boiler 005, constructed in March 1993, are subject to the New Source Performance Standards for Industrial-Commercial-Institutional Steam Generating Units (40 CFR 60.44, Subpart Db), which is incorporated by reference as 326 IAC 12. Subpart Db applies to steam generating units that commenced construction, modification, or reconstruction after June 19, 1984 and that have a heat input capacity of greater than 100 MMBtu/hr. Boilers 004 and 005 meet the applicability

requirements of Subpart Db. Boiler 003 is not subject to Subpart Db, since it was constructed prior to June 19, 1984.

State Rule Applicability Determination

The following state rules are applicable to this modification:

326 IAC 2-2-3 (Best Available Control Technology)
The proposed modification is not subject to 326 IAC 2-2-3 since no change in the potential to emit of the source is proposed and the change in monitoring requirements does not seek to change an existing BACT requirement.

326 IAC 5-1 (Opacity Limitations)
The opacity limitations of this rule do not apply to boilers 004 and 005 since a specific opacity limitation has been established in 326 IAC 12, which incorporates by reference NSPS 40 CFR 60, Subpart Db. This rule does apply to boiler 003 since a specific opacity limitation was not established by 326 IAC 12.

326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)
Currently, boilers 004 and 005 are subject to the requirements of 326 IAC 7-1.1 since they have a potential to emit twenty-five (25) tons per year or ten (10) pounds per hour of sulfur dioxide.

326 IAC 7-2 (Compliance)
Owners or operators subject to 326 IAC 7-1.1 are subject to the monitoring and compliance determination methods described in 326 IAC 7-2. Since boilers 004 and 005 are subject to the requirements of 326 IAC 7-1.1, this rule applies.

326 IAC 3-5 (Continuous Monitoring of Emissions)
This rule is applicable to facilities required to perform continuous monitoring under 326 IAC 12, which incorporates by reference NSPS 40 CFR 60.44, Subpart Db. Since boiler 004 and 005 are subject to the continuous monitoring requirements of NSPS 40 CFR 60.44, Subpart Db, for nitrogen oxide, 326 IAC 3-5 applies.

In accordance with 326 IAC 3-5-1(c)(2)(A)(ii), continuous opacity monitoring (COM) is not required for boilers 004 and 005, since they combust only oil or a mix of oil and gas and are capable of complying with 326 IAC 5-1 and 326 IAC 6-2, without a particulate matter collection system. Therefore the requirements of 326 IAC 3-5-1(c)(2)(A)(ii) do not apply to boiler 004 and 005.

In accordance with 326 IAC 3-5-1(c)(2)(B), continuous emission monitoring equipment (CEM) for SO_2 is not required for boilers 004 and 005. While the boilers are equipped with a flue gas recirculation system for SO_2 control, the monitor is not required to determine compliance with either 326 IAC 12 or a construction permit required under 326 IAC 2. Therefore, the requirements of 326 IAC 3-5-1(c)(2)(B) do not apply to boilers 004 and 005.

Compliance Determination and Monitoring Requirements

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

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section

D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for

enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

Compliance Determination Requirements

To document compliance with 326 IAC 7-2-1 for boilers 004 and 005, the Permittee shall demonstrate that the fuel sulfur content does not exceed 0.5 pounds per million Btu by one of the following:

(a) Fuel sampling and analysis data shall be collected pursuant to procedures specified in 326 IAC 3-7-4 for oil combustion, and this data may be used to determine compliance or noncompliance with the emission limitations contained in 326 IAC 7-1-1. Computation of calculated sulfur dioxide emission rates from fuel sampling and analysis data shall be based on AP-42 emission factors. Fuel sampling and analysis data shall be collected as follows:

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

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

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

(c) Compliance or noncompliance with the emission limitation specified in 326 IAC 7-1.1 may be determined by conducting a stack test for sulfur dioxide emissions from the boilers, using 40 CFR 60, Appendix A, Method 6, 6A, 6C, or 8, in accordance with the procedures in 326 IAC 3-6; or

(d) Upon written notification of a facility owner or operator to the department, continuous emission monitoring data collected and reported pursuant to 326 IAC 3-5 may be used as the means for determining compliance; or

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

Compliance Monitoring Requirements

The requirements for the use of a continuous opacity monitor (COM) and a continuous emissions monitor (CEM) for SO_2 have been removed from the permit for boilers 004 and 005. Existing Condition D.1.8 has been modified to remove the SO_2 CEM and to specify the conditions required to allow the removal of the COM. All of the compliance options listed in 40 CFR 60.48b have been included at the request of the Permittee. The compliance monitoring requirements applicable to this permit modification are as follows:

Continuous Emission Monitoring

(a) Pursuant to 326 IAC 2-2, 326 IAC 3-5, and 326 IAC 12, the Permittee shall continuously monitor and record the following parameters to demonstrate compliance with Conditions D.1.1 and D.1.2:

(1) Nitrogen oxide concentration for boilers 004 and 005, and

(2) Opacity for boilers 004 and 005, unless the Permittee uses one of the following to meet compliance monitoring requirements:

(A) Boiler 004 and/or boiler 005 use a PM CEMS to monitor PM emissions; or

(B) Boiler 004 and/or boiler 005 burn only liquid (excluding residual oil) or gaseous fuels with potential SO_2 emissions of 0.060 lb/MMBtu or less and do not use a post-combustion technology to reduce SO_2 or PM emissions. The Permittee shall maintain fuel records of the sulfur content of the fuels burned, as described in Condition D.1.11; or

(C) Boiler 004 and/or boiler 005 burn coke oven gas alone or in combination with fuels meeting the criteria in Condition D.1.9(a)(2)(B) and do not use a post-combustion technology to reduce SO_2 or PM emissions; or

(D) Boiler 004 and boiler 005 do not use post-combustion technology (except a wet scrubber) for reducing PM, SO_2, or carbon monoxide (CO) emissions, burns only gaseous fuels or fuel oils that contain less than or equal to 0.30 weight percent sulfur, and is operated such that emissions of CO to the atmosphere from boiler 004 and/or boiler 005 are maintained at levels less than or equal to 0.15 lb/MMBtu on a steam generating unit operating day average basis. The Permittee shall demonstrate compliance by the following:

(i) A CO CEM shall be installed, certified, maintained, and operated in accordance with Condition D.1.9(c) and (d).

(ii) The Permittee shall calculate the one (1) hour average CO emissions levels for each steam generating unit operating day by multiplying the average hourly CO output concentration measured by the CO CEMS times the corresponding average hourly flue gas flow rate and divided by the corresponding average hourly heat input to the boiler. The twenty-four (24) hour average CO emission level is determined by calculating the arithmetic average of the hourly CO emission levels computed for each steam generating unit operating day.

(iii) The Permittee shall evaluate the preceding twenty-four (24) hour average CO emission level each steam generating unit operating day excluding periods of affected source startup, shutdown, or malfunction. If the twenty-four (24) hour average CO emission level is greater than 0.15 lb/MMBtu, the Permittee shall initiate an investigation of the relevant equipment and control systems within twenty-four (24) hours of the first discovery of the high emission incident and, take the appropriate corrective action as soon as practicable to adjust control settings or repair equipment to reduce the twenty-four (24) hour average CO emission level to 0.15 lb/MMBtu or less.

(iv) The Permittee shall record the CO measurements and calculations performed in accordance with Condition D.1.9(a)(2)(D)(ii) and (iii) and any corrective actions taken. The record of corrective action taken must include the date and time during which the twenty-four (24) hour average CO emission level was greater than 0.15 lb/MMBtu, and the date, time, and description of the corrective action.

(E) Boilers 004 and 005 burn fuel oils that contain less than or equal to 0.30 weight percent sulfur and a trained employee obtains visible emission notations in accordance with Condition D.1.10. The commissioner may require visible emission readings in accordance with 40 CFR 60, Appendix A-4, as required, to assure compliance with opacity requirements.

(b) The continuous monitoring systems have been installed and operational prior to conducting the performance tests. A monitoring protocol has been performed in accordance with the applicable procedures under 40 CFR 60, Appendix B, Performance Specification 1 and 326 IAC 3-5.

(c) The Permittee shall record the output of the system and shall perform the required record keeping pursuant to 326 IAC 3-5-6, and reporting pursuant to 326 IAC 3-5-7.

(d) In instances of CEM downtime, compliance with the NO_X emission limits established in Conditions D.1.1 and D.1.2 shall be determined by the use of the appropriate AP-42 emission factors. Compliance with the particulate emission limits contained in Conditions D.1.2 and D.1.5 shall be determined by burning clean fuels such as natural gas, landfill gas or distillate fuel oil.

Visible Emission Notations

(a) Visible emission notations of stack 01 for boilers 003, 004 and 005 shall be performed once per day during normal daylight operations when burning fuel oil. A trained employee shall record whether emissions are normal or abnormal. Visible emission notations are not required when the Permittee initiates operation of the boilers on fuel oil to verify oil burning capability and each boiler operates on fuel oil less than one (1) hour on a quarterly basis.

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

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

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

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

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. T003-5959-00036. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

1) To minimize future amendments to the issued Part 70 Permits, the OAQ decided to delete the name and/or title of the Responsible Official (RO) in Section A.1, General Information, of the permit. However, OAQ will still be evaluating if a change in RO meets the criteria specified in 326 IAC 2-7-1(34). The revised permit condition is as follows:

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

The Permittee owns and operates a stationary automobile and light duty truck assembly plant.

~~Responsible Official:~~	~~Catherine Clegg~~
Source Address:	12200 Lafayette Center Road, Roanoke, IN 46783
Mailing Address:	12200 Lafayette Center Road, Roanoke, IN 46783
General Source Phone No.	(260) 673-2480
SIC Code:	3711
County Location:	Allen
Source Location Status:	Attainment for all criteria pollutants

Source Status: Part 70 Permit Program;
Major, under PSD Rules; **and**
Major Source, Section 112 of the Clean Air Act.

2) All references to IDEM, OAQ's mailing address have been revised as follows:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, ~~P.O. Box 6015~~ **MC61-53 IGCN 1003**
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management
Modeling Section, Office of Air Quality
100 North Senate Avenue, ~~P.O. Box 6015~~ **MC61-50 IGCN 1003**
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, ~~P.O. Box 6015~~ **MC61-52 IGCN 1003**
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, ~~P.O. Box 6015~~ **MC61-53 IGCN 1003**
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, ~~P.O. Box 6015~~ **MC61-53 IGCN 1003**
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management
Air Compliance Section, Office of Air Quality
100 North Senate Avenue, ~~P.O. Box 6015~~ **MC61-53 IGCN 1003**
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

3) All references to the IDEM, OAQ, Compliance Section telephone number have been revised as follows: ~~317-233-5674~~ **317-233-0178**.

4) All references to the IDEM, OAQ, Compliance Section facsimile number have been revised as follows: ~~317-233-5967~~ **317-233-6865**

5) Minor typographical, spelling and formatting errors have been corrected throughout the permit. In addition, page numbers have been removed to minimize errors.

6) The last sentence of original Condition C.3 – Open Burning and Condition C.4 - Incineration, were deleted because these provisions are federally enforceable and are included in Indiana's State Implementation Plan (SIP). The revised conditions are as follows:

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

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. ~~326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.~~

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

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

7) The descriptive information in Section D.1 has been updated to match the information listed in Section A.2 of the Part 70 Operating Permit. Changes to Section D.1 are as follows:

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:
Facility-wide natural gas usage, including combustion units described as follows:

(a) One (1) natural gas/No. 2 or No. 6 fuel oil/landfill gas fired boiler, identified as 003, constructed in 1968 and relocated to the source in August 1985, with a maximum capacity of 240 MMBtu/hr, using low excess air as control, and exhausting to stack 01,

(b) One (1) natural gas/No.2 fuel oil fired boiler, identified as 004, **constructed in April 1992,** with a maximum capacity of 228 MMBtu/hr for natural gas, and 220 MMBtu/hr for No. 2 fuel oil, using low NO_X burners and flue gas recirculation as control, and exhausting to stack 01, ~~(constructed in April, 1992)~~

(c) One (1) natural gas/No. 2 fuel oil fired boiler, identified as 005, **constructed in March 1993,** with a maximum capacity of 228 MMBtu/hr for natural gas, and 220 MMBtu/hr for No. 2 fuel oil, using low NO_X burners and flue gas recirculation as control, and exhausting to stack 01, ~~(constructed in March, 1993)~~

(d) Space heaters and process heaters using natural gas, identified as 007, with capacities from 10 to 100 MMBtu/hr, using no control, and exhausting to various stacks denoted as stack 13, and twenty (20) natural gas fired burners identified as MOD 1 through MOD 10 air supply house burners (each mod air supply house contains two burners) with emissions exhausted through their respective booth stacks denoted as SO4, each burner is rated at 12.6 MMBtu per hour.

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

8) A new condition D.1.3 - Opacity Limits has been added. Boiler 003 has a different opacity limit than boilers 004 and 005. To allow the removal of the continuous opacity monitor from the boilers, the Permittee has elected to comply with the most stringent opacity limit during periods of burning fuel oil with all three boilers on line. In addition, the remaining conditions have been renumbered. The individual condition references have been updated to reflect the new numbering system. Condition D.1.3 - Opacity Limits follows:

D.1.3 Opacity Limits [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 for boiler 003 shall meet the following:

(a) When operating alone, the opacity from boiler 003 shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period. 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) in a six (6) hour period. The opacity standards apply except during periods of startup, shutdown, or malfunction.

(b) When operating with boiler 004 and/or boiler 005, the opacity from boiler 003 shall not exceed twenty percent (20%) per six (6) minute average except for one six (6) minute averaging period per hour of not more than twenty-seven percent (27%) opacity. The opacity standards apply except during periods of startup, shutdown, or malfunction.

9) Condition D.1.7 has been updated to specifically allow vendor certifications to be used for sulfur

content compliance. The revised condition is as follows:

D.1.~~7~~**8** Sulfur Content Compliance [326 IAC 7-2-1]

Pursuant to 326 IAC 7-2-1, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed 0.5 pounds per million Btu by **one of the following**:

(a) Fuel sampling and analysis data shall be collected pursuant to procedures specified in 326 IAC 3-7-4 for oil combustion, and this data may be used to determine compliance or noncompliance with the emission limitations contained in 326 IAC 7-1-1. Computation of calculated sulfur dioxide emission rates from fuel sampling and analysis data shall be based on AP-42 emission factors. Fuel sampling and analysis data shall be collected as follows:

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

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

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

(~~b~~**c**) Compliance or noncompliance with the emission limitation specified in 326 IAC 7-1.1 may be determined by conducting a stack test for sulfur dioxide emissions from the boilers, using 40 CFR 60, Appendix A, Method 6, 6A, 6C, or 8, in accordance with the procedures in 326 IAC 3-6~~,~~**;** or

(~~c~~**d**) Upon written notification of a facility owner or operator to the department, continuous emission monitoring data collected and reported pursuant to 326 IAC 3-5 may be used as the means for determining compliance.

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

10) Existing Condition D.1.8 has been updated to delete the requirement for an SO_2 CEM for boiler 004 and 005. Also, Condition D.1.8(a)(3) has been revised to include the specific requirement for the removal of the COM. All of the compliance options listed in 40 CFR 60.48b have been included at the request of the Permittee. The revised condition follows:

D.1.~~8~~**9** Continuous Emission Monitoring **[326 IAC 2-2][326 IAC 3-5][40 CFR 60, Subpart Db]**

(a) Pursuant to 326 IAC 2-2, 326 IAC 3-5, and 326 IAC 12, the Permittee shall continuously monitor and record the following parameters to demonstrate compliance with the Conditions D.1.1~~,~~ **and** D.1.2~~, and D.1.3~~:

(1) **N**~~n~~itrogen oxide concentration for ~~B~~**boilers** 004 and 005, **and**

~~(2) sulfur dioxide concentration for Boilers 004 and 005, and~~

(~~3~~**2**) **O**~~o~~pacity for ~~B~~**b**oilers 004 and 005~~.~~**, unless the Permittee uses one of the following to meet compliance monitoring requirements:**

(A) Boiler 004 and boiler 005 use a PM CEMS to monitor PM emissions; or

(B) Boiler 004 and boiler 005 burn only liquid (excluding residual oil) or gaseous fuels with potential SO_2 emissions of 0.060 lb/MMBtu or less and do not use a post-combustion technology to reduce SO_2 or PM emissions. The Permittee shall maintain fuel records of the

sulfur content of the fuels burned, as described in Condition D.1.11; or

(C) Boiler 004 and boiler 005 burn coke oven gas alone or in combination with fuels meeting the criteria in Condition D.1.9(a)(2)(B) and do not use a post-combustion technology to reduce SO_2 or PM emissions; or

(D) Boiler 004 and boiler 005 do not use post-combustion technology (except a wet scrubber) for reducing PM, SO_2, or carbon monoxide (CO) emissions, burns only gaseous fuels or fuel oils that contain less than or equal to 0.30 weight percent sulfur, and is operated such that emissions of CO to the atmosphere from boiler 004 and boiler 005 are maintained at levels less than or equal to 0.15 lb/MMBtu on a steam generating unit operating day average basis. The Permittee shall demonstrate compliance by the following:

(i) A CO CEM shall be installed, certified, maintained, and operated in accordance with Condition D.1.9(c) and (d).

(ii) The Permittee shall calculate the one (1) hour average CO emissions levels for each steam generating unit operating day by multiplying the average hourly CO output concentration measured by the CO CEMS times the corresponding average hourly flue gas flow rate and divided by the corresponding average hourly heat input to the boiler. The twenty-four (24) hour average CO emission level is determined by calculating the arithmetic average of the hourly CO emission levels computed for each steam generating unit operating day.

(iii) The Permittee shall evaluate the preceding twenty-four (24) hour average CO emission level each steam generating unit operating day excluding periods of boiler startup, shutdown, or malfunction. If the twenty-four (24) hour average CO emission level is greater than 0.15 lb/MMBtu, the Permittee shall initiate an investigation of the relevant equipment and control systems within twenty-four (24) hours of the first discovery of the high emission incident and, take the appropriate corrective action as soon as practicable to adjust control settings or repair equipment to reduce the twenty-four (24) hour average CO emission level to 0.15 lb/MMBtu or less.

(iv) The Permittee shall record the CO measurements and calculations performed in accordance with Condition D.1.9(a)(2)(D)(ii) and (iii) and any corrective actions taken. The record of corrective action taken must include the date and time during which the twenty-four (24) hour average CO emission level was greater than 0.15 lb/MMBtu, and the date, time, and description of the corrective action.

(E) Boilers 004 and 005 burn fuel oils that contain less than or equal to 0.30 weight percent sulfur and a trained employee obtains visible emission notations in accordance with Condition D.1.10. The commissioner may require visible emission readings in accordance with 40 CFR 60, Appendix A-4, as required, to assure compliance with opacity requirements.

~~All monitors shall be installed such that emissions from Boiler 003 do not interfere with the readings for Boilers 004 and 005.~~

(b) The continuous monitoring systems have been installed and operational prior to conducting the performance tests. A monitoring protocol has been performed in accordance with the applicable procedures under 40 CFR 60, Appendix B, Performance Specification 1 and 326 IAC 3-5.

(c) The Permittee shall record the output of the system and shall perform the required record keeping~~,~~ pursuant to 326 IAC 3-5-6, and reporting~~,~~ pursuant to 326 IAC 3-5-7.

(d) In instances of CEM downtime, compliance with the NO_X ~~and SO_2~~ emission limits established in Conditions D.1.1~~,~~ **and** D.1.2 ~~and D.1.3~~ shall be determined by the use of the appropriate AP**-**42 emission factors. Compliance with the particulate emission limits contained in Conditions D.1.2 and D.1.~~4~~**5**shall be determined ~~using the appropriate emission factors, or~~ by burning clean fuels such as natural gas, landfill gas or distillate fuel oil.

11) Condition D.1.10 has been added to require visible emission notations to be taken once per day when boilers 003, 004 and 005 burn fuel oil to verify compliance with Condition D.1.1(b) and Condition D.1.3. All remaining conditions in Section D.1 have been renumbered. The new Condition D.1.10 is as follows:

D.1.10 Visible Emission Notations

(a) Visible emission notations of stack 01 for boilers 003, 004 and 005 shall be performed once per day during normal daylight operations when burning fuel oil. A trained employee shall record whether emissions are normal or abnormal. Visible emission notations are not required when the Permittee initiates operation of the boilers on fuel oil to verify oil burning capability and each boiler operates on fuel oil less than one (1) hour on a quarterly basis.

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

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

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

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

12) Existing Condition D.1.9 has been renumbered to D.1.11. In addition, a record keeping requirement for the visible emission notations required by Condition D.1.10 has been added. The references to a CEM have been clarified to indicate a NOx CEM. The emissions calculations for boiler 003 have been clarified to indicate PM emissions to be consistent with the reporting form. A requirement to maintain monthly records of the amount and type of fuel used for each boiler has been added. A requirement for fuel certification records has been added. The revised permit conditions are as follows:

D.1.~~9~~**11** Record Keeping Requirements

(a) To document compliance with Conditions D.1.1, D.1.2, **D.1.3** and D.1.~~3~~**4**, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the NO_X, SO_2, and opacity emission limits established in Conditions D.1.1, D.1.2, **D.1.3** and D.1.~~3~~**4**.

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

(2) The Permittee shall record the output of the **NOx** continuous **emissions** monitoring systems on Boilers 004 and 005 and shall perform the required record keeping, pursuant to 326 IAC 3-5-6.

(3) The Permittee shall calculate **PM** emissions from Boiler 003 based on appropriate emission factors contained in U.S. EPA publication AP-42, "Compilation of Air Pollutant Emission Factors."

(b) The Permittee shall keep records of heat input for each of the boilers.

(c) The Permittee shall keep monthly records of the amount of natural gas, landfill gas, No. 2 fuel oil and No. 6 fuel oil used in boilers 003, 004 and 005.

(~~c~~**d**) To document compliance with Condition D.1.~~6~~**7**, the Permittee shall maintain records of the natural gas usage monthly.

(e) To document compliance with Conditions D.1.3 and D.1.10, the Permittee shall maintain a daily record of visible emission notations of stack 01 for boilers 003, 004 and 005 stack exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day, conducted start-up for validation purposes, the process did not burn oil that day).

(f) 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:

(1) Fuel supplier certifications;

(2) The name of the fuel supplier; and

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

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

D.1.1~~0~~**2** Reporting Requirements

(a) A quarterly summary of the information to document compliance with Condition D.1.2 and D.1.~~6~~**7** shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) ~~The Permittee shall certify, on the form provided, that natural gas was fired in the boiler at all times during each quarter. Alternatively, the Permittee shall report the number of days during which an alternate fuel was burned during each quarter.~~ **The natural gas fired boiler certification, shall be submitted to the address 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 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).

(c) The Permittee shall submit **NOx** CEM **performance audit reports** ~~reporting requirements~~ pursuant to 326 IAC 3-5-5(e).

Conclusion and Recommendation

The proposed modification shall be subject to the conditions of the attached proposed Part 70 Significant Permit Modification. The staff recommends to the Commissioner that this Part 70 Significant Permit Modification be approved.