



DATE: December 10, 2008

TO: Interested Parties / Applicant

RE: Roche Diagnostics Corporation / 097-26643-00338

FROM: Richard Wise  
Administrator  
Office of Environmental Services

## Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, 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 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 501, Indianapolis, IN 46204, **within fifteen (15) calendar days of the receipt of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures



Air Quality Hotline: 317-327-4AIR | [knozone.com](http://knozone.com)

Department of Public Works  
Office of Environmental Services

2700 Belmont Avenue  
Indianapolis, IN 46221

317-327-2234  
Fax 327-2274  
TDD 327-5186  
[indygov.org/dpw](http://indygov.org/dpw)

December 10, 2008

Mr. Steve Hunter  
Roche Diagnostics Corporation  
P.O. Box 50457,  
Indianapolis, Indiana 46250-0457



CERTIFIED MAIL 7008 0150 0003 5219 3516.

Re: 097-26643-00338  
First Significant Permit Revision to  
F097-18965-00338

Dear Mr. Hunter:

Roche Diagnostics Corporation was issued a Federally Enforceable State Operating Permit (FESOP) Renewal No. F097-18965-00338 on December 15, 2004 for a stationary operation of standby and emergency generators, located at 9115 Hague Road, Indianapolis, Indiana 46250. On June 10, 2008, the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), and the City of Indianapolis Office of Environmental Services (OES) received an application from the source requesting revisions to the list of insignificant activities to include natural gas fired combustion units which were inadvertently omitted from the FESOP, to add a diesel fuel dispensing facility, to remove natural gas fired emergency generator (Unit ID A-P Tunnel), which is no longer at the source, and to rearrange the insignificant activities such that the gasoline fired portable generator (Unit ID K2) is listed as a back-up equipment, instead of an emergency equipment.

The attached Technical Support Document (TSD) and Addendum to the TSD provide additional explanation of the changes to the source/permit. Pursuant to the provisions of 326 IAC 2-8-11.1(g)(2), these changes to the permit are required to be reviewed in accordance with the Significant Permit Revision (SPR) procedures of 326 IAC 2-8-11.1.

Pursuant to 326 IAC 2-8-11.1, this permit has been revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. Please find the entire revised permit attached.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Anh-tuan Nguyen at 317-327-2353, [tnguyen@indygov.org](mailto:tnguyen@indygov.org) or Alic Bent /EVP at 317-863-2514, [abent@enviroplan.com](mailto:abent@enviroplan.com).

Sincerely,

A handwritten signature in black ink that reads "Richard Wise".

Richard Wise  
Administrator  
Office of Environmental Services

Attachments: Technical Support Document and revised permit

AB /EVP  
BG

cc: OES Files - 2 copies  
Compliance - Matt Mosier  
USEPA - R5  
Marion County Health Dept.  
IDEM, Mindy Hahn



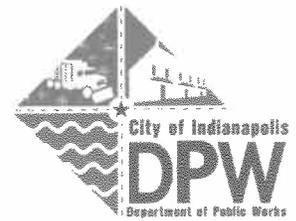
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Department of Public Works  
Office of Environmental Services

2700 Belmont Avenue  
Indianapolis, IN 46221

317-327-2234  
Fax 327-2274  
TDD 327-5186

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FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) RENEWAL

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY and INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES

Roche Diagnostics Corporation 9115 Hague Road Indianapolis, Indiana 46250

(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.

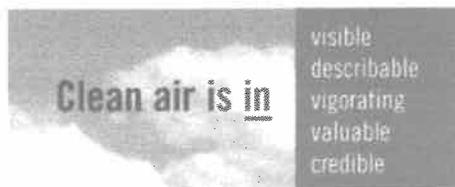
The Permittee must comply with all conditions of this permit. Noncompliance with any provision of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; and denial of a permit renewal application. It shall not be a defense for the Permittee in an 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.

Indiana statutes from IC 13 and rules from 326 IAC, quoted 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 FESOP under 326 IAC 2-8.

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 2-8 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.

Table with 2 columns: Issued by (John B. Chavez, Administrator) and Issuance/Expiration Dates (12-15-2004 / 12-15-2014)

Table with 2 columns: Issued by (Richard Wise, Administrator) and Issuance/Expiration Dates (12-10-2008 / 12-15-2014)



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

Department of Public Works Office of Environmental Services

2700 Belmont Avenue Indianapolis, IN 46221 317-327-2234 Fax 327-2274 TDD 327-5186 indygov.org/dpw

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**SECTION A**

**SOURCE SUMMARY**

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

**A.1 General Information [326 IAC 2-8-3(b)]**

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The Permittee owns and operates a stationary source, relating to the operation of standby and emergency generators under a Standard Industrial Classification Code (SIC) of 2835 In Vitro and In Vivo Diagnostic Substances.

Source Address: 9115 Hague Road, Indianapolis, Indiana 46250  
Mailing Address: 9115 Hague Road PO Box 50457, Indianapolis, Indiana  
46250-0457  
General Source Phone: (317) 521-2351  
SIC Code: 2835  
Source Location Status: Marion County  
Nonattainment for PM2.5  
Attainment for all other criteria pollutants  
Source Status: Federally Enforceable State Operating Permit (FESOP)  
Minor Source, under PSD and Nonattainment NSR  
Minor Source, Section 112 of the Clean Air Act  
Not 1 of 28 Source Categories

**A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]**

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

- (a) One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G1. Emission Unit ID G1 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G1 exhausts at Stack/Vent ID G1. Installation date of 1993.
- (b) One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G2. Emission Unit ID G2 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G2 exhausts at Stack/Vent ID G2. Installation date of 1993.
- (c) One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G3. Emission Unit ID G3 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G3 exhausts at Stack/Vent ID G3. Installation date of 1993.

- (d) One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G4. Emission Unit ID G4 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G4 exhausts at Stack/Vent ID G2. Installation date of 1993.
- (e) One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G5. Emission Unit ID G5 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G5 exhausts at Stack/ Vent ID G5. Installation date of 2001.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

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

- (a) Natural gas fired combustion sources with heat input equal to or less than ten million (10,000) Btu per hour: [326 IAC 2-8-4]
  - (1) One (1) Roof Top Unit, located in Building O, identified as Unit ID 7, rated at 470,000 Btu per hour;
  - (2) Two (2) Boilers, located in Building B, identified as Unit IDs 2 and 3, each rated at 807,000 Btu per hour;
  - (3) One (1) Boiler, located in Building B, identified as Unit ID 1, rated at 1,500,000 Btu per hour;
  - (4) One (1) Water Heater, located in Building B, rated at 800,000 Btu per hour;
  - (5) One (1) Boiler, located in Building C, rated at 800,000 Btu per hour;
  - (6) Two (2) Boilers, located in Building E, identified as Unit IDs 1 and 2, each rated at 900,000 Btu per hour;
  - (7) Two (2) Boilers, located in Building H, identified as Unit IDs 1 and 2, each rated at 5,500,000 Btu per hour;
  - (8) One (1) Heater, located in Building K, rated at 480,000 Btu per hour; and
  - (9) One (1) Boiler, located in Building R, rated at 2,100,000 Btu per hour.
- (b) Space heaters with fuel oil fired heat input equal to or less than two million (2,000,000) Btu per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight;
  - (1) Six (6) portable space heaters identified as Emission Unit ID 6PSH. Each diesel fired portable space heater is rated at 150,000 Btu max heat input.
- (c) Combustion source flame safety purging on startup.
- (d) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (e) Cleaners and solvents characterized as follows:

- (1) having a vapor pressure equal to or less than 2 kPa; 15mm Hg; or 0.3 psi measured at 38 degrees C (100°F) or;
- (2) having a vapor pressure equal to or less than 0.7 kPa; 5mm Hg; or 0.1 psi measured at 20°C (68°F);

the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.

- (f) Closed loop heating and cooling systems.
- (g) Paved and unpaved roads and parking lots with public access [326 IAC 6-4].
- (h) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.
- (i) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.
- (j) Stationary fire pumps.
- (k) Other emergency equipment as follows:
  - (1) Gasoline generators not exceeding 110 horsepower.
    - (A) One (1) gasoline fired emergency generator identified as Emission Unit ID K1. Emission Unit ID K1 is a reciprocating internal combustion engine rated at 12.5 kilowatts, operated less than 500 hours per year.
  - (2) Diesel generators not exceeding 1600 horsepower:
    - (A) One (1) diesel fired emergency generator identified as Emission Unit ID L-18. Emission Unit ID L-18 is a Caterpillar Model 3406 reciprocating internal combustion engine rated at 3.1 million Btu maximum heat input and 402 horsepower output. Emission Unit ID L-18 exhausts at Stack/Vent ID L-18, operated less than 500 hours per year. Installation date of September 1999.
- (l) Other back-up equipment:
  - (1) Gasoline generators not exceeding 110 horsepower.
    - (A) One (1) gasoline fired portable generator identified as Emission Unit ID K2. Emission Unit ID K2 is a reciprocating internal combustion engine rated at 5.0 kilowatts.
- (m) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3]
- (n) Noncontact cooling tower systems with either of the following:
  - (1) Forced and induced draft cooling tower system not regulated under a NESHAP.
- (o) Heat exchanger cleaning and repair.

- (p) A laboratory as defined in 326 IAC 2-7-1(21)(D).
- (q) Other activities or categories not previously identified:
  - (1) Two (2) paint spray booths identified as Building L11 Paint Spray Booth and Building W Paint Spray Booth, each with the potential to emit Volatile Organic Compounds (VOC) equal to or less than three (3) lbs/hour and fifteen (15) lbs/day.
  - (2) Building O Video Ink Jet & Make-up Fluid Operations with potential to emit any single HAP less than 5 lbs/day or 1 ton/year and any combination of HAP less than 12.5 lbs/day or 2.5 tons/year.
  - (3) Chemstrip Video Ink Jet & Make-up Fluid Operations with potential to emit any single HAP less than 5 lbs/day or 1 ton/year and any combination of HAP less than 12.5 lbs/day or 2.5 tons/year.
  - (4) A diesel fuel dispensing facility having a storage capacity of less than or equal to 20,000 gallons, and dispensing less than 24,000 gallons per month.

A.4 FESOP Applicability [326 IAC 2-8-2]

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This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ), and OES for a Federally Enforceable State Operating Permit (FESOP).

## **SECTION B GENERAL CONDITIONS**

### **B.1 Definitions [326 IAC 2-8-1]**

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 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]**

- (a) This permit, F097-18965-00338, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ and OES, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

### **B.4 Enforceability [326 IAC 2-8-6]**

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

### **B.5 Severability [326 IAC 2-8-4(4)]**

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 2-8-4(5)(D)]**

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

### **B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]**

- (a) The Permittee shall furnish to IDEM, OAQ and OES, within a reasonable time, any information that IDEM, OAQ and OES may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ and OES copies of records required to be kept by this permit.

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

B.8 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

- (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 an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

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

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

and

Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and OES on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
  - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and

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

The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]**

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IDEM, OAQ and OES may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

**B.11 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]**

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and OES. IDEM, OAQ and OES may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

**B.12 Emergency Provisions [326 IAC 2-8-12]**

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- (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 except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, and OES within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;  
Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or  
Telephone Number: 317-233-0178 (ask for Compliance Section)  
Facsimile Number: 317-233-6865  
Office of Environmental Services phone: (317) 327-2234; fax: (317) 327-2274

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

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

and

Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221

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

The notice fulfills the requirement of 326 IAC 2-8-4(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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
  - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
  - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ and OES may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.

- (f) Failure to notify IDEM, OAQ and OES by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
  - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
  - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
    - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
    - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

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

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- (a) All terms and conditions of permits established prior to F097-18965-00338 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised, or
  - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

**B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]**

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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 2-8-3(h) and 326 IAC 2-8-9.

**B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]**

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

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

and

Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

**B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination**  
[326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ and OES determines any of the following:
  - (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by IDEM, OAQ and OES to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ and OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ and OES may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]

**B.17 Permit Renewal** [326 IAC 2-8-3(h)]

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- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and OES and shall include the information specified in 326 IAC 2-8-3. 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

and

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

- (b) A timely renewal application is one that is:
- (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
  - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and OES on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ and OES takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ and OES any additional information identified as being needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

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

and

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

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) 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 approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

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

and

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

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

- (5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b) through (d). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ and OES in the notices specified in 326 IAC 2-8-15(b)(2), (c)(1), and (d).

- (b) Emission Trades [326 IAC 2-8-15(c)]  
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).

- (c) Alternative Operating Scenarios [326 IAC 2-8-15(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 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

**B.20 Source Modification Requirement [326 IAC 2-8-11.1]**

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A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.

**B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]**

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

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

**B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

and

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

The application which shall be submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ and OES within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ and OES the applicable fee is due April 1 of each year.
- (b) 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 2-8-4(3)][326 IAC 2-8-5][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

**Emissions Limitations and Standards [326 IAC 2-8-4(1)]**

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

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

**C.2 Overall Source Limit [326 IAC 2-8] [326 IAC 2-2]**

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(c) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

**C.3 Opacity [326 IAC 5-1]**

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

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

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

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

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251

and

Indianapolis Office of Environmental Services  
Air Enforcement  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (e) **Procedures for Asbestos Emission Control**  
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**  
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Licensed Asbestos Inspector**  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

### **Testing Requirements [326 IAC 2-8-4(3)]**

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

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- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

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

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

and

Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, IN 46221

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

**Compliance Requirements [326 IAC 2-1.1-11]**

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

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

**Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]**

C.10 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

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Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented upon issuance of this permit. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment.

Unless otherwise specified in the approval for the new emissions unit, compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

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

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

**Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]**

C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

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

C.13 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

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- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
- (1) initial inspection and evaluation;
  - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
  - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
  - (1) monitoring results;
  - (2) review of operation and maintenance procedures and records; and/or
  - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
  - (1) monitoring data;
  - (2) monitor performance data, if applicable; and
  - (3) corrective actions taken.

**C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]**

- (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 and OES, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]**

**C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]**

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or OES within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

**C.16 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]**

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- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
  
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:  
  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251  
  
and  
  
Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221
  
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and OES on or before the date it is due.
  
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
  
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

**Stratospheric Ozone Protection**

**C.17 Compliance with 40 CFR 82 and 326 IAC 22-1**

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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**

<b>Emission Unit ID G1</b> Standby Generator G1	<b>Facility Description [326 IAC 2-8-4(10)]:</b> One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G1. Emission Unit ID G1 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G1 exhausts at Stack/Vent ID G1. Installation date of 1993. (The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)
<b>Emission Unit ID G2</b> Standby Generator G2	<b>Facility Description [326 IAC 2-8-4(10)]:</b> One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G2. Emission Unit ID G2 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G2 exhausts at Stack/Vent ID G2. Installation date of 1993. (The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)
<b>Emission Unit ID G3</b> Standby Generator G3	<b>Facility Description [326 IAC 2-8-4(10)]:</b> One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G3. Emission Unit ID G3 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G3 exhausts at Stack/Vent ID G3. Installation date of 1993. (The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)
<b>Emission Unit ID G4</b> Standby Generator G4	<b>Facility Description [326 IAC 2-8-4(10)]:</b> One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G4. Emission Unit ID G4 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G4 exhausts at Stack/Vent ID G2. Installation date of 1993. (The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)
<b>Emission Unit ID G5</b> Standby Generator G5	<b>Facility Description [326 IAC 2-8-4(10)]:</b> One (1) Kato reciprocating internal combustion engine model number 3516 identified as Emission Unit ID G5. Emission Unit ID G5 is a standby generator and burns diesel fuel at a maximum rated heat input of 18.16 million Btu per hour. Includes an alternative operating scenario of dual firing diesel fuel and natural gas firing up to a maximum natural gas heat input of 11.2 million Btu per hour. Emission Unit ID G5 exhausts at Stack/ Vent ID G5. Installation date of 2001.

**Emission Limitations and Standards [326 IAC 2-8-4(1)]**

D.1.1 PSD Minor Limit [326 IAC 2-8-4(1)][326 IAC 2-2][326 IAC 7-1.1-1]

Pursuant to FESOP 097-11275-00338 issued January 10, 2000 and First Significant Permit Revision 097-26643-00338:

- (a) The combined total sum of diesel fuel input to Emission Unit IDs G1, G2, G3, G4 and G5 shall be limited to less than 256,640 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is equivalent to 83.52 tons NO<sub>x</sub>, 14.94 tons of CO and 7.10 tons of SO<sub>2</sub> emissions per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The fuel allotment in subpart (a) of this condition shall be adjusted when combusting more than one (1) fuel by the following: every one (1) thousand gallon reduction in diesel fuel consumption can be substituted for 0.08 million cubic feet of natural gas consumption provided natural gas consumption does not exceed 24.0 million cubic feet per rolling twelve (12) consecutive month period.
- (c) The sulfur content of the fuel oil shall not exceed five-tenths percent (0.5%) by weight.

Compliance with (a), (b) and (c) above, combined with the potential to emit NO<sub>x</sub> from all other emission units at this source makes 326 IAC 2-7 (Part 70 Permit Program) not applicable and satisfies the requirement to limit NO<sub>x</sub>, SO<sub>2</sub> and CO emissions to below the major source level such that 326 IAC 2-2 (Prevention of Significant Deterioration) and 326 IAC 7-1.1-1 do not apply.

#### D.1.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit IDs G1, G2, G3, G4 and G5.

### Compliance Determination Requirements

#### D.1.3 Sulfur Content

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Compliance with Condition D.1.1(c) shall be determined utilizing one of the following options:

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed five-tenths (0.5) percent by weight:
  - (1) Providing vendor analysis of fuel delivered, if accompanied by a vendor certification, or;
  - (2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
    - (A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
    - (B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.

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

### Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

#### D.1.4 Visible Emissions Notations

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- (a) Visible emission notations of the standby generators (G1, G2, G3, G4, and G5) stack exhaust shall be performed daily during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

### **Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]**

#### **D.1.5 Record Keeping Requirements**

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- (a) To document compliance with condition D.1.1, the Permittee shall maintain records of the monthly amount of each type of fuel combusted in Emission Unit IDs G1, G2, G3 G4, and G5.
- (b) To document compliance with Condition D.1.1(c), the Permittee shall maintain sulfur content records. If the fuel supplier certifications are used to demonstrate compliance, the following, at a minimum, shall be maintained:
  - (1) Fuel supplier certifications;
  - (2) The name of the fuel supplier; and
  - (3) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.
- (c) To document compliance with Condition D.1.4, the Permittee shall maintain records of visible emission notations of the standby generators stack exhaust once per day. 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, (i.e. the process did not operate that day).
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### **D.1.6 Reporting Requirements**

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A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**SECTION D.2**

**FACILITY OPERATION CONDITIONS**

**Facility Description [326 IAC 2-8-4(10)]:**

Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3]

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

**Emission Limitations and Standards [326 IAC 2-8-4 (1)]**

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

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

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

D.2.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs existing as of July 1, 1990, located in Clark, Elkhart, Floyd, Lake, Marion, Porter or St. Joseph Counties, the Permittee shall ensure that the following requirements are met:
  - (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
    - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)));
    - (B) The solvent is agitated; or
    - (C) The solvent is heated.
  - (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

- (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
  - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
  - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38<sup>o</sup>C) (one hundred degrees Fahrenheit (100<sup>o</sup>F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9<sup>o</sup>C) (one hundred twenty degrees Fahrenheit (120<sup>o</sup>F)):
    - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
    - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
    - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), for cold cleaning facility construction of which commenced after July 1, 1990, the Permittee shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
  - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
  - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
and  
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
CERTIFICATION**

Source Name: Roche Diagnostics Corporation  
Source Address: 9115 Hague Road, Indianapolis, Indiana 46250  
Mailing Address: P.O. Box 50457, Indianapolis, Indiana 46250-0457  
FESOP No.: 097-18965-00338

**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:

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  
and  
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES  
2700 South Belmont Avenue  
Indianapolis, IN 46221**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
EMERGENCY OCCURRENCE REPORT**

Source Name: Roche Diagnostics Corporation  
Source Address: 9115 Hague Road, Indianapolis, Indiana 46250  
Mailing Address: P.O. Box 50457, Indianapolis, Indiana 46250-0457  
FESOP No.: 097-18965-00338

**This form consists of 2 pages**

**Page 1 of 2**

- This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
  - The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16

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

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

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

**Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency?    Y    N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

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

A certification is not required for this report.

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

**FESOP Quarterly Report**

Source Name: Roche Diagnostics Corporation  
 Source Address: 9115 Hague Road, Indianapolis, Indiana 46250  
 Mailing Address: P.O. Box 50457, Indianapolis, Indiana 46250-0457  
 FESOP No.: F097-18965-00338  
 Facility: Five Standby Generators: G1, G2, G3, G4 and G5  
 Parameter: Combined diesel fuel throughput and combined natural gas throughput  
 Limit: Less than 256,640 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. Every 1000 gallon decrease in consumption can be substituted with 0.08 MMCF of natural gas consumption per twelve (12) consecutive month period.

YEAR: \_\_\_\_\_ Quarter: \_\_\_\_\_

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  
 and  
 INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)  
 QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Roche Diagnostics Corporation  
 Source Address: 9115 Hague Road, Indianapolis, Indiana 46250  
 Mailing Address: P.O. Box 50457, Indianapolis, Indiana 46250-0457  
 FESOP No.: 097-18965-00338

**Months:** \_\_\_\_\_ **to** \_\_\_\_\_ **Year:** \_\_\_\_\_

<p>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 <b>ΔNo deviations occurred this reporting period@.</b></p>	
<input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	
<b>Permit Requirement</b> (specify permit condition #)	
<b>Date of Deviation:</b>	<b>Duration of Deviation:</b>
<b>Number of Deviations:</b>	
<b>Probable Cause of Deviation:</b>	
<b>Response Steps Taken:</b>	

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

Form Completed By: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

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

Addendum to the Technical Support Document (TSD) for a  
Significant Permit Revision to a Federally Enforceable State Operating  
Permit (FESOP) Renewal

**Source Background and Description**

<b>Source Name:</b>	<b>Roche Diagnostics Corporation</b>
<b>Source Location:</b>	<b>9115 Hague Road, Indianapolis, IN 46250</b>
<b>County:</b>	<b>Marion</b>
<b>SIC Code:</b>	<b>2835</b>
<b>Significant Permit Revision No.:</b>	<b>097-26643-00338</b>
<b>Permit Reviewer:</b>	<b>Alic Bent/EVP</b>

On September 20, 2008, the Office of Air Quality (OAQ) and the Office of Environmental Services (OES) had a notice published in the Indianapolis Star, Indianapolis, Indiana, stating that Roche Diagnostics Corporation had applied for a Significant Permit Revision to their Federally Enforceable State Operating Permit (FESOP) Renewal for the operation of standby and emergency generators. The notice also stated that OAQ and OES proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On November 10, 2008, Roche Diagnostics Corporation requested revisions to the Significant Permit Revision to their Federally Enforceable State Operating Permit (FESOP) Renewal. Upon further consideration, IDEM, OAQ and OES have decided to make changes to the permit as indicated below. The summary of the requested changes is shown below. Changes made to the permit as a result of the requests are shown in bold and deleted permit language is shown with a line through it. Any permit changes affecting the permit's Table of Contents are also revised without replication herein.

**Comment 1**

Roche Diagnostics Corporation is requesting the removal of the insignificant units natural gas fuel usage limit of 26.4 million cubic feet (MMCF) per twelve (12) consecutive month period which was included in this draft Significant Permit Revision 097-26643-00338 to their FESOP Renewal. The potential to emit for all insignificant units will now be accounted for as the worst case. In order to accommodate the additional NOx emissions resulting from the worst case natural gas fired insignificant activities emissions, Roche is requesting revisions to the allowable diesel fuel usage limit in Condition D.1.1 and the reporting form.

**Response 1**

Diesel fuel consumption of five (5) Standby Generators Emission units G1 to G5 was lowered to 256,640 gallons per year. At this limited fuel input level and unlimited (worst case) NOx emission from all other emission units, the source wide NOx emission will be limited to less than 97 tons per year (see Appendix A to this Addendum, three pages). The following changes were made to the permit.

**D.1.1 PSD Minor Limit [326 IAC 2-8-4(1)][326 IAC 2-2][326 IAC 7-1.1-1]**

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Pursuant to FESOP 097-11275-00338 issued January 10, 2000 and First Significant Permit Revision 097-26643-00338:

- (a) The combined total sum of diesel fuel input to Emission Unit IDs G1, G2, G3, G4 and G5 shall be limited to less than ~~278,000~~ **256,640** gallons per twelve (12) consecutive month

period with compliance determined at the end of each month. This usage limit is equivalent to ~~90.5 tons NO<sub>x</sub>, 16.19 tons of CO and 9.62 tons of SO<sub>2</sub>~~ **83.52 tons NO<sub>x</sub>, 14.94 tons of CO and 7.10 tons of SO<sub>2</sub>** emissions per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with (a), (b) and (c) above, combined with ~~the natural gas usage limit in Condition D.3.1,~~ and the potential to emit NO<sub>x</sub> from all other emission units at this source makes 326 IAC 2-7 (Part 70 Permit Program) not applicable and satisfies the requirement to limit NO<sub>x</sub>, SO<sub>2</sub> and CO emissions to below the major source level such that 326 IAC 2-2 (Prevention of Significant Deterioration) and 326 IAC 7-1.1-1 do not apply.

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### ~~SECTION D.3~~ **FACILITY OPERATION CONDITIONS**

#### **Insignificant Activities:**

- (a) ~~Natural gas fired combustion sources with heat input equal to or less than ten million (10,000) Btu per hour: [326 IAC 2-8-4]~~
  - (1) ~~One (1) Roof Top Unit, located in Building O, identified as Unit ID 7, rated at 470,000 Btu per hour;~~
  - (2) ~~Two (2) Boilers, located in Building B, identified as Unit IDs 2 and 3, each rated at 807,000 Btu per hour;~~
  - (3) ~~One (1) Boiler, located in Building B, identified as Unit ID 1, rated at 1,500,000 Btu per hour;~~
  - (4) ~~One (1) Water Heater, located in Building B, rated at 800,000 Btu per hour;~~
  - (5) ~~One (1) Boiler, located in Building C, rated at 800,000 Btu per hour;~~
  - (6) ~~Two (2) Boilers, located in Building E, identified as Unit IDs 1 and 2, each rated at 900,000 Btu per hour;~~
  - (7) ~~Two (2) Boilers, located in Building H, identified as Unit IDs 1 and 2, each rated at 5,500,000 Btu per hour;~~
  - (8) ~~One (1) Heater, located in Building K, rated at 480,000 Btu per hour; and~~
  - (9) ~~One (1) Boiler, located in Building R, rated at 2,100,000 Btu per hour.~~

.....

- (k) ~~Other emergency equipment as follows:~~

- (1) ~~Gasoline generators not exceeding 110 horsepower.~~
  - (A) ~~One (1) gasoline fired emergency generator identified as Emission Unit ID K1. Emission Unit ID K1 is a reciprocating internal combustion engine rated at 12.5 kilowatts, operated less than 500 hours per year.~~
- (2) ~~Diesel generators not exceeding 1600 horsepower:~~
  - (A) ~~One (1) diesel fired emergency generator identified as Emission Unit ID L-18. Emission Unit ID L-18 is a Caterpillar Model 3406 reciprocating internal~~

combustion engine rated at 3.1 million Btu maximum heat input and 402 horsepower output. Emission Unit ID L-18 exhausts at Stack/Vent ID L-18. Installation date of September 1999.

### **SECTION D.3 FACILITY OPERATION CONDITIONS**

#### **Insignificant Activities:**

(l) Other back-up equipment:

(1) Gasoline generators not exceeding 110 horsepower.

(A) One (1) gasoline fired portable generator identified as Emission Unit ID K2. Emission Unit ID K2 is a reciprocating internal combustion engine rated at 5.0 kilowatts.

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

#### **Emission Limitations and Standards [326 IAC 2-8-4(1)]**

##### **D.3.1 NOx FESOP Limit [326 IAC 2-8]**

Pursuant to 326 IAC 2-8, the source has chosen to limit NOx emissions to below 100 tons per year. Natural gas usage shall be limited as follows:

- (a) NOx emissions shall not exceed 100 pounds per million cubic of natural gas.
- (b) The plant wide natural gas usage shall be limited to less than 26.4 million cubic feet MMCF per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with the above limits, combined with the diesel fuel limits in Condition D.1.1, and the potential to emit NOx from all other emission units at this source, shall limit source-wide potential to emit of NOx to less than 100 tons per twelve (12) consecutive month period with compliance determined at the end of each month. Therefore, the requirements of 326 IAC 2-7 (Part 70 Permit Program) do not apply.

#### **Compliance Determination Requirements**

##### **D.3.2 Fuel Usages**

Compliance with Condition D.3.1 shall be determined at the end of each month based on total natural gas usages since last compliance determination period.

#### **Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]**

##### **D.3.3 Record Keeping Requirements**

- (a) To document compliance with Condition D.3.1, the Permittee shall maintain records of the monthly natural gas usage by the entire source.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

##### **D.3.4 Reporting Requirements**

A quarterly summary of the information to document compliance with Condition D.3.1 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

**FESOP Quarterly Report**

Source Name: \_\_\_\_\_ Roche Diagnostics Corporation  
 Source Address: \_\_\_\_\_ 9115 Hague Road, Indianapolis, Indiana 46250 \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_ P.O. Box 50457, Indianapolis, Indiana 46250-0457  
 FESOP No.: \_\_\_\_\_ F097-18965-00338  
 Facility: \_\_\_\_\_ Plant wide  
 Parameter: \_\_\_\_\_ Natural gas usage  
 Limit: \_\_\_\_\_ Less than 26.4 million cubic feet MMCF per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR: \_\_\_\_\_ Quarter: \_\_\_\_\_

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

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

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

~~Attach a signed certification to complete this report.~~

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION  
and  
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES  
  
FESOP Quarterly Report**

Source Name: Roche Diagnostics Corporation  
Source Address: 9115 Hague Road, Indianapolis, Indiana 46250  
Mailing Address: P.O. Box 50457, Indianapolis, Indiana 46250-0457  
FESOP No.: F097-18965-00338  
Facility: Five Standby Generators: G1, G2, G3, G4 and G5  
Parameter: Combined diesel fuel throughput and combined natural gas throughput  
Limit: Less than ~~278,000~~ **256,640** gallons per twelve (12) consecutive month period with compliance determined at the end of each month. Every 1000 gallon decrease in consumption can be substituted with 0.08 MMCF of natural gas consumption per twelve (12) consecutive month period.

.....

**Appendix A: Emissions Calculations  
Emissions Summary**

**Company Name: Roche Diagnostics Corporation  
Address City IN Zip: 9115 Hague road, Indianapolis, IN 46250-0457  
Permit No.: SPR 097-26643-00338  
Reviewer: Alic Bent/EVP**

Emission Units	Unlimited Potential Emissions (tons/yr)						hr/yr
	PM	PM10	SO2	NOx	VOC	CO	
RICE Units (G1, G2, G3, G4 & G5)	27.70	22.80	200.84	1889.50	31.80	338.00	8760
Diesel Fired Emergency Generator (L-18)	0.24	0.24	0.22	3.42	0.27	0.74	500
Gasoline Fired Generator (K1)	0.00	0.00	0.00	0.02	0.02	1.64	500
Gasoline Fired Generator (K2)	0.01	0.01	0.01	0.12	0.16	11.50	8760
Six (6) Portable Space Heaters	0.07	0.09	3.75	1.34	0.08	0.37	8760
Various Natural Gas (NG) Units	0.16	0.65	0.05	8.58	0.47	7.21	8760
<b>TOTAL</b>	<b>28.18</b>	<b>23.79</b>	<b>204.87</b>	<b>1902.98</b>	<b>32.80</b>	<b>359.46</b>	

**Fuel Usage Limit For RICE Units: 256,640 gals/yr**

Emission Units	Limited PTE (tons/yr)						hr/yr
	PM	PM10	SO2	NOx	VOC	CO	
RICE Units (G1, G2, G3, G4 & G5)	1.23	1.05	7.10	<b>83.52</b>	1.41	14.94	8760
Diesel Fired Emergency Generator (L-18)	0.24	0.24	0.22	3.42	0.27	0.74	500
Gasoline Fired Generator (K1)	0.00	0.00	0.00	0.02	0.02	1.64	500
Gasoline Fired Generator (K2)	0.01	0.01	0.01	0.12	0.16	11.50	8760
Six (6) Portable Space Heaters	0.07	0.09	3.75	1.34	0.08	0.37	8760
Various Natural Gas (NG) Units	0.16	0.65	0.05	8.58	0.47	7.21	8760
<b>TOTAL</b>	<b>1.71</b>	<b>2.04</b>	<b>11.13</b>	<b>97.00</b>	<b>2.41</b>	<b>36.40</b>	

Limited PTE for RICE Units (tons/yr) = Fuel Usage (gal/yr) x 137000 Btu/gal x MMBtu/10<sup>6</sup> Btu x Emission Factor lbs/MMBtu x ton/2000 lbs  
The unlimited PTE for the RICE Units, L-18, K1, K2, and the 6 PSH Units are from Appendix A of F097-18965-00338.  
See pages 2 and 3 of this ATSD Appendix A for the natural gas units calculations.

**Appendix A: Emissions Calculations  
Natural Gas Combustion Only  
MM BTU/HR <100**

**Company Name: Roche Diagnostics Corporation  
Address City IN Zip: 9115 Hague road, Indianapolis, IN 46250-0457  
Permit No.: SPR 097-26643-00338  
Reviewer: Alic Bent/EVP**

**Twelve (12) Natural Gas Fired Combustion Units w/ heat input equal to or less than 10 MMBtu per hour.**

Total Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr
20.6	171.6

	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	1.9	7.6	0.6	100.0	5.5	84.0
Potential Emission in tons/yr	0.16	0.65	0.05	<b>8.58</b>	0.47	7.21

\*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

\*\*Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

**Methodology**

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

1 MMCF = 1,050 MMBtu (AP-42 (1985, updated 1/95), Appendix A)

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,050 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See page 3 for HAPs emissions calculations.

**Appendix A: Emissions Calculations**

**Natural Gas Combustion Only**

**MM BTU/HR <100**

**Small Industrial Boilers and Heaters**

**HAPs Emissions**

**Company Name: Roche Diagnostics Corporation**

**Address City IN Zip: 9115 Hague road, Indianapolis, IN 46250-0457**

**Permit No.: SPR 097-26643-00338**

**Reviewer: Alic Bent/EVP**

**HAPs - Organics**

	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	1.801E-04	1.029E-04	6.434E-03	1.544E-01	2.917E-04

**HAPs - Metals**

	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	4.289E-05	9.436E-05	1.201E-04	3.260E-05	1.801E-04

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

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

**Technical Support Document (TSD) for a Significant Permit Revision to a  
Federally Enforceable State Operating Permit (FESOP)**

**Source Description and Location**

<b>Source Name:</b>	<b>Roche Diagnostics Corporation</b>
<b>Source Location:</b>	<b>9115 Hague Road, Indianapolis, IN 46250</b>
<b>County:</b>	<b>Marion</b>
<b>SIC Code:</b>	<b>2835</b>
<b>Operation Permit No.:</b>	<b>F097-18965-00338</b>
<b>Operation Permit Issuance Date:</b>	<b>December 15, 2004</b>
<b>Significant Permit Revision No.:</b>	<b>097-26643-00338</b>
<b>Permit Reviewer:</b>	<b>Alic Bent/EVP</b>

On June 11, 2008, the Office of Air Quality (OAQ) and Office of Environmental Services (OES) received an application from Roche Diagnostics Corporation related to a modification to an existing operation of standby and emergency generators.

**Existing Approvals**

The source was issued FESOP Renewal No. 097-18965-00338 on December 15, 2004.

**County Attainment Status**

The source is located in Marion County.

Pollutant	Designation
SO <sub>2</sub>	Better than national standards.
CO	Attainment effective February 18, 2000, for the part of the city of Indianapolis bounded by 11 <sup>th</sup> Street on the north; Capitol Avenue on the west; Georgia Street on the south; and Delaware Street on the east. Unclassifiable or attainment effective November 15, 1990, for the remainder of Indianapolis and Marion County.
O <sub>3</sub>	Attainment effective November 8, 2007, for the 8-hour ozone standard. <sup>1</sup>
PM <sub>10</sub>	Unclassifiable effective November 15, 1990.
NO <sub>2</sub>	Cannot be classified or better than national standards.
Pb	Attainment effective July 10, 2000, for the part of Franklin Township bounded by Thompson Road on the south; Emerson Avenue on the west; Five Points Road on the east; and Troy Avenue on the north. Attainment effective July 10, 2000, for the part of Wayne Township bounded by Rockville Road on the north; Girls School Road on the east; Washington Street on the south; and Bridgeport Road on the west. The remainder of the county is not designated.

Pollutant	Designation
	<sup>1</sup> Attainment effective October 18, 2000, for the 1-hour ozone standard for the Indianapolis area, including Marion County, and is a maintenance area for the 1-hour ozone National Ambient Air Quality Standards (NAAQS) for purposes of 40 CFR 51, Subpart X*. The 1-hour designation was revoked effective June 15, 2005. Basic Nonattainment effective April 5, 2005 for PM2.5.

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, St. Joseph as attainment for the 8-hour ozone standard.
- (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.
- (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Marion County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM2.5

Marion County County has been classified as nonattainment for PM2.5 in 70 FR 943 dated January 5, 2005. On May 8th, 2008, U.S. EPA promulgated specific New Source Review rules for PM2.5 emissions, and the effective date of these rules was July 15th, 2008. Therefore, direct PM2.5 and SO<sub>2</sub> emissions were reviewed pursuant to the requirements of Nonattainment New Source Review, 326 IAC 2-1.1-5.

(c) Other Criteria Pollutants

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

**Fugitive Emissions**

Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7, and there is no applicable New Source Performance Standard that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

**Source Status**

The table below summarizes the potential to emit of the entire source, prior to the proposed revision, after consideration of all enforceable limits established in the effective permits:

Process/Emission Unit	Potential To Emit of the Entire Source (tons/year)								
	PM	PM10	PM2.5*	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO	Total HAPs	Worst Single HAP
RICE Units (G1, G2, G3, G4, G5)	1.4	1.2	1.2	10.2	95.5	3.1	20.8	negl.	negl.
Insignificant Activities	0.2	0.2	0.2	0.4	3.5	10.3	3.0	negl.	negl.
Total PTE of Entire Source	1.6	1.4	1.4	10.6	99.0	13.4	23.8	negl.	negl.
Title V Major Source Thresholds	NA	100	--	100	100	100	100	25	10
PSD Major Source Thresholds	250	250	NA	NA	250	250	250	NA	NA
Nonattainment NSR Major Source Thresholds	NA	NA	100	100	NA	NA	NA	NA	NA
negl. = negligible * PM2.5 emissions assumed equal to PM10 emissions. These emissions are based upon FESOP Renewal No. F097-18965-00338, issued on December 15, 2004.									

- (a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).
- (b) This existing source is not a major stationary source, under nonattainment new source review rules (326 IAC 2-1.1-5) since direct PM2.5 and/or SO<sub>2</sub> is emitted at a rate of less than 100 tons per year.
- (c) This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because the unlimited potential to emit HAPs are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

**Description of Proposed Revision**

The Office of Air Quality (OAQ) and Office of Environmental Services (OES) have reviewed an application, submitted by Roche Diagnostics Corporation on June 11, 2008, relating to revisions to their fuel usage limits. During inventory, Roche identified several insignificant natural gas-fired combustion sources which were noted in the previous permit applications (Form GSD-10), but not individually listed, for which the potential emissions were not quantified as part of the permit application. In addition, the potential emissions of several of the insignificant units (a portable generator and space heaters) were calculated using 500 instead of 8,760 hours per year. Therefore, Roche is proposing to revise its allowable fuel usage limits to accommodate the additional emissions resulting from the insignificant natural gas-fired combustion sources. The source has never exceeded the FESOP thresholds. Records indicate that actual fuel usages are well below the allowable fuel usage limits established in the FESOP.

Deleted language appears as ~~strike throughs~~ and new language appears in **bold**:

The following is a list of the insignificant natural gas fired combustion units which were included in the previous applications but were inadvertently omitted from the permit:

- (a) **Natural gas fired combustion sources with heat input equal to or less than ten million (10,000) Btu per hour:**

- (1) **One (1) Roof Top Unit, located in Building O, identified as Unit ID 7, rated at 470,000 Btu per hour;**
- (2) **Two (2) Boilers, located in Building B, identified as Unit IDs 2 and 3, each rated at 807,000 Btu per hour;**
- (3) **One (1) Boiler, located in Building B, identified as Unit ID 1, rated at 1,500,000 Btu per hour;**
- (4) **One (1) Water Heater, located in Building B, rated at 800,000 Btu per hour;**
- (5) **One (1) Boiler, located in Building C, rated at 800,000 Btu per hour;**
- (6) **Two (2) Boilers, located in Building E, identified as Unit IDs 1 and 2, each rated at 900,000 Btu per hour;**
- (7) **Two (2) Boilers, located in Building H, identified as Unit IDs 1 and 2, each rated at 5,500,000 Btu per hour;**
- (8) **One (1) Heater, located in Building K, rated at 480,000 Btu per hour; and**
- (9) **One (1) Boiler, located in Building R, rated at 2,100,000 Btu per hour.**

The insignificant activities has been rearranged such that the gasoline fired portable generator (Unit ID K2) is listed as a back-up equipment, instead of an emergency equipment. The natural gas fired emergency generator (Unit ID A-P Tunnel) which is no longer at the source, has been removed from the permit:

~~(j)~~(k) Other emergency equipment as follows:

- (1) Gasoline generators not exceeding 110 horsepower.
  - (A) One (1) gasoline fired portable **emergency** generator identified as Emission Unit ID K1. Emission Unit ID K1 is a reciprocating internal combustion engine rated at 12.5 kilowatts, **operated less than 500 hours per year.**
  - ~~(B) One (1) gasoline fired portable generator identified as Emission Unit ID K2. Emission Unit ID K2 is a reciprocating internal combustion engine rated at 5.0 kilowatts.~~
- (2) Diesel generators not exceeding 1600 horsepower:
  - (A) One (1) diesel fired emergency generator identified as Emission Unit ID L-18. Emission Unit ID L-18 is a Caterpillar Model 3406 reciprocating internal combustion engine rated at 3.1 million Btu maximum heat input Stack/Vent ID L-18, **operated less than 500 hours per year.** Installation date of September 1999.
- ~~(3) Natural gas reciprocating engines not exceeding 16,000 horsepower:
  - ~~(A) One (1) natural gas fired emergency generator identified as Emission Unit ID A-P Tunnel. Emission Unit ID A-P Tunnel is a reciprocating internal combustion engine rated at 15 kilowatts.~~~~

(l) **Other back-up equipment:**

- (1) **Gasoline generators not exceeding 110 horsepower.**

**(A) One (1) gasoline fired portable generator identified as Emission Unit ID K2. Emission Unit ID K2 is a reciprocating internal combustion engine rated at 5.0 kilowatts.**

A diesel fuel dispensing facility has been added to the permit:

**(e)(q) Other activities or categories not previously identified:**

- (1) One (1) paint spray booth identified as Building L11 Paint Spray Booth with potential to emit Volatile Organic Compounds (VOC) equal to or less than three (3) lbs/hour and fifteen (15) lbs/day.
- (2) Building O Video Ink Jet & Make-up Fluid Operations with potential to emit any single HAP less than 5 lbs/day or 1 ton/year and any combination of HAP less than 12.5 lbs/day or 2.5 tons/year.
- (3) Chemstrip Video Ink Jet & Make-up Fluid Operations with potential to emit any single HAP less than 5 lbs/day or 1 ton/year and any combination of HAP less than 12.5 lbs/day or 2.5 tons/year.
- (4) **A diesel fuel dispensing facility having a storage capacity of less than or equal to 20,000 gallons, and dispensing less than 24,000 gallons per month.**

**Enforcement Issues**

There are no pending enforcement actions.

**Emission Calculations**

See Appendix A of this Technical Support Document for detailed emission calculations.

**Permit Level Determination – FESOP Revision**

This FESOP is being revised through a FESOP Significant Permit Revision pursuant to 326 IAC 2-8-11.1(g)(2) because it involves adjustment to the existing source-wide emissions limitations to maintain the FESOP status of the source (see PTE of the Entire Source After The Issuance of the FESOP Revision Section).

**PTE of the Entire Source After Issuance of the FESOP Revision**

The table below summarizes the potential to emit of the entire source, with updated emissions shown as **bold** values and previous emissions shown as ~~strikethrough~~ values.

Process/Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)								
	PM	PM10	PM2.5*	SO <sub>2</sub>	NOx	VOC	CO	Total HAPs	Worst Single HAP
RICE Units (G1, G2, G3, G4, G5)	<del>1.4</del> <b>1.33</b>	<del>1.2</del> <b>1.14</b>	<del>1.2</del> <b>1.14</b>	<del>10.2</del> <b>9.62</b>	<del>95.5</del> <b>90.5</b>	<del>3.1</del> <b>1.52</b>	<del>20.8</del> <b>16.19</b>	negl.	negl.
Insignificant Activities	<del>0.2</del>	<del>0.2</del>	<del>0.2</del>	<del>0.4</del>	<del>3.5</del>	<del>10.3</del>	<del>3.0</del>	negl.	negl.
<b>Insignificant Activities:</b>									
<b>Diesel Fired Emergency Generator (L-18)</b>	<b>0.24</b>	<b>0.24</b>	<b>0.24</b>	<b>0.22</b>	<b>3.42</b>	<b>0.27</b>	<b>0.74</b>	negl.	negl.

Process/Emission Unit	Potential To Emit of the Entire Source to accommodate the Proposed Revision (tons/year)								
	PM	PM10	PM2.5*	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO	Total HAPs	Worst Single HAP
<b>Gasoline Fired Generator (K1)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.02</b>	<b>0.02</b>	<b>1.64</b>	<b>negl.</b>	<b>negl.</b>
<b>Gasoline Fired Generator (K2)</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	<b>0.12</b>	<b>0.16</b>	<b>11.50</b>	<b>negl.</b>	<b>negl.</b>
<b>Six (6) Portable Space Heaters</b>	<b>0.07</b>	<b>0.09</b>	<b>0.09</b>	<b>3.75</b>	<b>1.34</b>	<b>0.08</b>	<b>0.37</b>	<b>negl.</b>	<b>negl.</b>
<b>Various Natural Gas Units</b>	<b>0.03</b>	<b>0.10</b>	<b>0.10</b>	<b>0.01</b>	<b>1.32</b>	<b>0.07</b>	<b>1.11</b>	<b>negl.</b>	<b>negl.</b>
Total PTE of Entire Source	1.6 <b>1.68</b>	1.4 <b>1.58</b>	1.4 <b>1.58</b>	10.6 <b>13.61</b>	99.0 <b>96.72</b>	13.4 <b>2.12</b>	23.8 <b>31.55</b>	negl.	negl.
Title V Major Source Thresholds	NA	100	--	100	100	100	100	25	10
PSD Major Source Thresholds	250	250	NA	NA	250	250	250	NA	NA
Nonattainment NSR Major Source Thresholds	NA	NA	100	100	NA	NA	NA	NA	NA
negl. = negligible * Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". PM2.5 emissions assumed equal to PM10 emissions.									

The table below summarizes the potential to emit of the entire source after issuance of this revision, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this FESOP permit revision, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/Emission Unit	Potential To Emit of the Entire Source After Issuance of Revision (tons/year)								
	PM	PM10	PM2.5*	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO	Total HAPs	Worst Single HAP
RICE Units (G1, G2, G3, G4, G5)	1.33	1.14	1.14	9.62	90.5	1.52	16.19	negl.	negl.
Insignificant Activities:									
Diesel Fired Emergency Generator (L-18)	0.24	0.24	0.24	0.22	3.42	0.27	0.74	negl.	negl.
Gasoline Fired Generator (K1)	0.00	0.00	0.00	0.00	0.02	0.02	1.64	negl.	negl.
Gasoline Fired Generator (K2)	0.01	0.01	0.01	0.01	0.12	0.16	11.50	negl.	negl.
Six (6) Portable Space Heaters	0.07	0.09	0.09	3.75	1.34	0.08	0.37	negl.	negl.
Various Natural Gas Units	0.03	0.10	0.10	0.01	1.32	0.07	1.11	negl.	negl.
Total PTE of Entire Source	1.68	1.58	1.58	13.61	96.72	2.12	31.55	negl.	negl.
Title V Major Source Thresholds	NA	100	--	100	100	100	100	25	10

Process/Emission Unit	Potential To Emit of the Entire Source After Issuance of Revision (tons/year)								
	PM	PM10	PM2.5*	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO	Total HAPs	Worst Single HAP
PSD Major Source Thresholds	250	250	NA	NA	250	250	250	NA	NA
Nonattainment NSR Major Source Thresholds	NA	NA	100	100	NA	NA	NA	NA	NA
negl. = negligible									
* PM2.5 emissions assumed equal to PM10 emissions.									

(a) FESOP Status

This revision to an existing Title V minor stationary source will not change the minor status, because the potential to emit criteria pollutants from the entire source will still be limited to less than the Title V major source threshold levels. Therefore, the source will still be subject to the provisions of 326 IAC 2-8 (FESOP).

In order to comply with the requirements of 326 IAC 2-8-4 (FESOP), the source shall comply with the following:

- (1) Pursuant to FESOP 097-11275-00338 issued January 10, 2000 and First Significant Permit Revision 097-26643-00338:
  - (A) The combined total sum of diesel fuel input to Emission Unit ID G1, G2, G3, G4 and G5 shall be limited to less than 278,000 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is equivalent to 90.5 tons NO<sub>x</sub>, 16.19 tons of CO and 9.62 tons of SO<sub>2</sub> emissions per twelve (12) consecutive month period with compliance determined at the end of each month.
  - (B) The fuel allotment in subpart (A) of this condition shall be adjusted when combusting more than one (1) fuel by the following: Every one (1) thousand gallon reduction in diesel fuel consumption can be substituted for 0.08 million cubic feet of natural gas consumption provided natural gas consumption does not exceed 24.0 million cubic feet per rolling twelve (12) consecutive month period.
  - (C) The sulfur content of the fuel oil shall not exceed five-tenths percent (0.5%) by weight.
- (2) Natural gas usage for the entire source shall be limited as follows:
  - (A) The potential to emit of NO<sub>x</sub> shall not exceed 100 pounds of NO<sub>x</sub> per million cubic of natural gas.
  - (B) The natural gas usage for the entire source shall be less than 26.4 million cubic feet MMCF per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with these limits, combined with the potential to emit NO<sub>x</sub> from all other emission units at this source, shall limit the source-wide total potential to emit of NO<sub>x</sub>, SO<sub>2</sub> and CO to less than 100 tons per 12 consecutive month period, each, and shall render 326 IAC 2-7 (Part 70 Permits), 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), 326 IAC 7-1.1-1 (Sulfur Dioxide Emission Limitations) not applicable.

(b) PSD Minor Source

This modification to an existing PSD minor stationary source will not change the PSD minor status, because the potential to emit of all attainment regulated pollutants from the entire source will continue to be less than the PSD major source threshold levels. Therefore, pursuant to 326 IAC 2-

2, the PSD requirements do not apply.

(c) Nonattainment NSR

This modification to an existing minor stationary source is not major because the emissions increase is less than the Nonattainment NSR major levels. Therefore, pursuant to 326 IAC 2-1.1-5, the Nonattainment NSR requirements do not apply.

### Federal Rule Applicability Determination

NSPS:

- (a) The requirements of the New Source Performance Standard for 40 CFR 60.4200, Subpart III, are not included in the permit because this rule applies to stationary compression ignition internal combustion engines (CI ICE) that commence construction, modification, or reconstruction after July 11, 2005 where the stationary CI ICE are manufactured after April 1, 2006 for non-fire pump engines and after July 1, 2006 for certified fire pump engines. This stationary source does not have any emission units in this source category that commenced construction, modification or reconstruction after July 11, 2005.
- (b) There are no other New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this proposed revision.

NESHAP:

- (c) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs 40 CFR Part 63.6580, Subpart ZZZZ for Stationary Reciprocating Internal Combustion Engines are not included in the permit because all reciprocating internal combustion engines (RICE) in operation at the source are existing emergency RICE and existing limited use stationary RICE. Each of these engine categories is exempt from 40 CFR 63 Subparts ZZZZ and A. [40 CFR 63.6590(b)(3)]
- (d) There are no other National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) applicable to this proposed revision.

Compliance Assurance Monitoring (CAM):

- (e) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the potential to emit of the source is limited to less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

### State Rule Applicability Determination

The following state rules are applicable to the proposed revision:

- (a) There are no new state rules applicable to the proposed revision.

### Compliance Determination and Monitoring Requirements

The existing compliance requirements will not change as a result of this revision. The source shall continue to comply with the applicable requirements and permit conditions as contained in FESOP No: F097-18965-00338, issued on December 15, 2004.

### Proposed Changes

The changes listed below have been made to Federally Enforceable State Operating Permits (FESOP) No. F097-18965-00338. Deleted language appears as ~~strike throughs~~ and new language appears in **bold**:

- (a) To minimize future amendments to the issued Federally Enforceable State Operating Permits (FESOP), the OAQ decided to delete the name and title of the Authorized

Individual in Section A.1, General Information, of the permit. However, OAQ will still be evaluating if a change in Authorized Individual meets the criteria specified in 326 IAC 2-1.1-1(1).

(b) Section A.1 - Attainment Status

On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.

Marion County has been classified as nonattainment for PM<sub>2.5</sub> in 70 FR 943 dated January 5, 2005. On May 8<sup>th</sup>, 2008, U.S. EPA promulgated specific New Source Review rules for PM<sub>2.5</sub> emissions, and the effective date of these rules was July 15<sup>th</sup>, 2008. Therefore, direct PM<sub>2.5</sub> and SO<sub>2</sub> emissions were reviewed pursuant to the requirements of Nonattainment New Source Review, 326 IAC 2-1.1-5.

(c) 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~~  
**MC 61-53 IGCN 1003**  
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue, ~~P.O. Box 6015~~  
**MC 61-50 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~~  
**MC 61-52 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~~  
**MC 61-53 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~~  
**MC 61-53 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~~  
**MC 61-53 IGCN 1003**  
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

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

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

- (e) **Section A – Supersession Revisions**  
To clarify the permit term and the term of the conditions, original Condition A.5 – Prior Permits Superseded has been modified. IDEM has also rearranged the permit condition such that Condition A.5 – Prior Permits Superseded is now Condition B.13.
- (f) **Section B – Permit No Defense**  
Condition B.1, Permit No Defense, has been removed from Section B. This condition is now on the FESOP title page.
- (g) **Section B – Supersession Revisions**  
To clarify the permit term and the term of the conditions, original Conditions B.2 – Permit Term, and B.17 – Permit Renewal have been modified. Additionally, a new Section B condition, B.3 – Term of Conditions has been added.
- (h) **Section B – Termination of Right to Operate**  
IDEM has rearranged the permit conditions such that original Condition B.5 – Termination of Right to Operate is now Condition B.14.
- (i) **Section B – Annual Compliance Certification**  
Instructions for the original Condition B.11 – Annual Compliance Certification (ACC) (now re-numbered B.9) have been revised. The emission statement reporting requirements changed. The submission date for the ACC will continue to depend on which county the source is located.
- (j) **Section B – PMP and Emergency Conditions**  
IDEM has determined that the Permittee is not required to keep records of all preventive maintenance. However, where the Permittee seeks to demonstrate that an emergency has occurred, the Permittee must provide, upon request records of preventive maintenance in order to establish that the lack of proper maintenance did not cause or contribute to the deviation. Therefore, IDEM has deleted paragraph (b) of original Condition B.12 – Preventive Maintenance Plan (now re-numbered B.11) and has amended original Condition B.13 – Emergency Provisions (now re-numbered B.12).
- (k) **Section B – Nonroad engines – Permit Amendment or Modification**  
Upon further review, IDEM has decided to remove (d) concerning nonroad engines from original Condition B.17 – Permit Amendment or Modification (now re-numbered B.18). 40 CFR 89, Appendix A specifically indicates that states are not precluded from regulating the use and operation of nonroad engines, such as regulations on hours of usage, daily mass emission limits, or sulfur limits on fuel; nor are permits regulating such operations precluded, once the engine is no longer new.
- (l) **Section B – Operational Flexibility**  
For clarification purposes, Condition B.18 – Operational Flexibility (now re-numbered B.19) has been revised.
- (m) **Section B – Source Modification Requirement**  
Condition B.19 - Permit Revision Requirement (now re-numbered B.20) has been revised and re-named “Source Modification Requirement”.
- (n) **Section B – Credible Evidence**  
Indiana has incorporated the credible evidence provision in 326 IAC 1-1-6. This rule became effective on March 16, 2005; therefore the condition reflecting this rule will be incorporated into the permit as condition B.23 (now re-numbered B.24).

- (o) **326 IAC 6-3-2 and C.1 Condition**  
Revisions to 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes) became effective on June 12, 2002 and were approved into the State Implementation Plan on September 23, 2005. These rules replace the previous version of 326 IAC 6-3 that had been part of the SIP; therefore, the requirements of the previous version of 326 IAC 6-3-2 are no longer applicable to this source. Original Condition C.1 – Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour has been revised to remove (a) which contained these requirements.
- (p) **Section C – Operation of Equipment**  
In order to avoid duplication of requirements which may be included in D sections, Condition C.7 – Operation of Equipment has been removed from the permit.
- (q) **Section C – Response to Excursions or Exceedances**  
IDEM has reconsidered the requirement to develop and follow a Compliance Response Plan (original Condition C.13). The Permittee will still be required to take reasonable response steps when a compliance monitoring parameter is determined to be out of range or abnormal. Replacing the requirement to develop and follow a Compliance Response Plan with a requirement to take reasonable response steps will ensure that the control equipment is returned to proper operation as soon as practicable, while still allowing the Permittee the flexibility to respond to situations that were not anticipated. Therefore, original Condition C.13 for the “Compliance Response Plan” has been replaced by Condition C.13 for the “Response to Excursions or Exceedances”. The Section D conditions that refers to this condition have been revised to reflect the new condition title (Refer to the changes in the section of Proposed Changes).
- (r) **Section D – Visible Emissions Notations & Record Keeping Requirements**  
With regards to record keeping requirements for visible emission notations (and other parametric monitoring), the intent is that the Permittee needs to make a record of some sort every day. So if they do the VE observation, then they write down normal or abnormal. Additionally, if they don't do the VE observation, they still need to make some sort of record that day as to why they didn't, such as the unit was not operating, or the unit was venting indoors that day, etc. In order to attempt to clarify the requirements, the recordkeeping requirements relating the VEs and other daily parametric monitoring have been revised.
- (s) Section A.2 – Insignificant Activities has been revised to include the natural gas fired combustion units which were inadvertently omitted from the FESOP, to add a diesel fuel dispensing facility, to remove the natural gas fired emergency generator (Unit ID A-P Tunnel) which is no longer at the source, and to rearrange the insignificant activities such that the gasoline fired portable generator (Unit ID K2) is listed as a back-up equipment, instead of, an emergency equipment.
- (t) The allowable diesel fuel usage limit in Condition D.1.1 and the reporting form has been revised to accommodate the additional emissions resulting from the natural gas fired insignificant activities.
- (u) A new Section D.3 has been added to the permit for the natural gas fired insignificant activities. 326 IAC 2-8 (FESOP) fuel usage limit for natural gas is included as Condition D.3.1.
- (v) Reporting forms have been added to the permit for natural gas usage and hours of operation of Diesel Fired Emergency Generator (L-18).

**FEDERALLY ENFORCEABLE STATE  
OPERATING PERMIT (FESOP) RENEWAL**

**INDIANA DEPARTMENT OF ENVIRONMENTAL  
MANAGEMENT  
OFFICE OF AIR QUALITY  
and  
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

**Roche Diagnostics Corporation  
9115 Hague Road  
Indianapolis, Indiana 46250**

(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 provision of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; and denial of a permit renewal application. 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.**

**Indiana statutes from IC 13 and rules from 326 IAC, quoted 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 FESOP under 326 IAC 2-8.**

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 2-8 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.

A.1 General Information [326 IAC 2-8-3(b)]

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The Permittee owns and operates a stationary source, relating to the operation of standby and emergency generators under a Standard Industrial Classification Code (SIC) of 2835 In Vitro and In Vivo Diagnostic Substances.

Authorized individual: ~~\_\_\_\_\_~~ Vice President General Counsel  
Source Address: 9115 Hague Road, Indianapolis, Indiana 46250-0457  
Mailing Address: 9115 Hague Road PO Box 50457, Indianapolis, Indiana 46250-0457  
General Source Phone: ~~Mr. Steve Hunter (317) 845-2351~~ (317) 521-2351  
SIC Code: 2835  
Source Location Status: Marion County  
County Status: ~~Nonattainment for 8-hour ozone and attainment for all other criteria pollutants~~  
**Nonattainment for PM2.5**  
**Attainment for all other criteria pollutants**  
Source Status: Federally Enforceable State Operating Permit (FESOP) ~~Minor Source, under PSD;~~  
**Minor Source, under PSD and Nonattainment NSR**  
**Minor Source, Section 112 of the Clean Air Act**  
**Not 1 of 28 Source Categories**

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]

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

- (a) **Natural gas fired combustion sources with heat input equal to or less than ten million (10,000) Btu per hour: [326 IAC 2-8-4]**
- (1) **One (1) Roof Top Unit, located in Building O, identified as Unit ID 7, rated at 470,000 Btu per hour;**
  - (2) **Two (2) Boilers, located in Building B, identified as Unit IDs 2 and 3, each rated at 807,000 Btu per hour;**
  - (3) **One (1) Boiler, located in Building B, identified as Unit ID 1, rated at 1,500,000 Btu per hour;**
  - (4) **One (1) Water Heater, located in Building B, rated at 800,000 Btu per hour;**
  - (5) **One (1) Boiler, located in Building C, rated at 800,000 Btu per hour;**
  - (6) **Two (2) Boilers, located in Building E, identified as Unit IDs 1 and 2, each rated at 900,000 Btu per hour;**
  - (7) **Two (2) Boilers, located in Building H, identified as Unit IDs 1 and 2, each rated at 5,500,000 Btu per hour;**
  - (8) **One (1) Heater, located in Building K, rated at 480,000 Btu per hour; and**
  - (9) **One (1) Boiler, located in Building R, rated at 2,100,000 Btu per hour.**
- (a) (b) Space heaters with fuel oil fired heat input equal to or less than two million (2,000,000) Btu per hour and firing fuel containing less than five-tenths (0.5) percent sulfur by weight;
- (1) Six (6) portable space heaters identified as Emission Unit ID 6PSH. Each diesel fired portable space heater is rated at ~~400,000~~ **150,000** Btu max heat input.

- ~~(b)~~ **(c)** Combustion source flame safety purging on startup.
- ~~(c)~~ **(d)** A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- ~~(d)~~ **(e)** Cleaners and solvents characterized as follows:
  - (1) having a vapor pressure equal to or less than 2 kPa; 15mm Hg; or 0.3 psi measured at 38 degrees C (100°F) or;
  - (2) having a vapor pressure equal to or less than 0.7 kPa; 5mm Hg; or 0.1 psi measured at 20°C (68°F);the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.
- ~~(e)~~ **(f)** Closed loop heating and cooling systems.
- ~~(f)~~ **(g)** Paved and unpaved roads and parking lots with public access [326 IAC 6-4].
- ~~(g)~~ **(h)** Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.
- ~~(h)~~ **(i)** Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.
- ~~(i)~~ **(j)** Stationary fire pumps.
- ~~(j)~~ **(k)** Other emergency equipment as follows:
  - (1) Gasoline generators not exceeding 110 horsepower.
    - (A) One (1) gasoline fired portable generator identified as Emission Unit ID K1. Emission Unit ID K1 is a reciprocating internal combustion engine rated at 12.5 kilowatts, **operated less than 500 hours per year**.
    - ~~(B) One (1) gasoline fired portable generator identified as Emission Unit ID K2. Emission Unit ID K2 is a reciprocating internal combustion engine rated at 5.0 kilowatts.~~
  - (2) Diesel generators not exceeding 1600 horsepower:
    - (A) One (1) diesel fired emergency generator identified as Emission Unit ID L-18. Emission Unit ID L-18 is a Caterpillar Model 3406 reciprocating internal combustion engine rated at 3.1 million Btu maximum heat input and 402 horsepower output. Emission Unit ID L-18 exhausts at Stack/Vent ID L-18, **operated less than 500 hours per year**. Installation date of September 1999.
  - ~~(3) Natural gas reciprocating engines not exceeding 16,000 horsepower:~~
    - ~~(A) One (1) natural gas fired emergency generator identified as Emission Unit ID A-P Tunnel. Emission Unit ID A-P Tunnel is a reciprocating internal combustion engine rated at 15 kilowatts.~~

- (l) **Other back-up equipment:**
  - (1) **Gasoline generators not exceeding 110 horsepower.**
    - (A) **One (1) gasoline fired portable generator identified as Emission Unit ID K2. Emission Unit ID K2 is a reciprocating internal combustion engine rated at 5.0 kilowatts.**
- ~~(k)~~ (m) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3]
- ~~(j)~~ (n) Noncontact cooling tower systems with either of the following:
  - (1) Forced and induced draft cooling tower system not regulated under a NESHAP.
- ~~(m)~~ (o) Heat exchanger cleaning and repair.
- ~~(n)~~ (p) A laboratory as defined in ~~326 IAC 2-7-1(20)(C)~~ **326 IAC 2-7-1(21)(D)**.
- ~~(o)~~ (q) Other activities or categories not previously identified:
  - (1) **Two (2) ~~One (1)~~ paint spray booths identified as Building L11 Paint Spray Booth and Building W Paint Spray Booth, each with the potential to emit Volatile Organic Compounds (VOC) equal to or less than three (3) lbs/hour and fifteen (15) lbs/day.**
  - (2) Building O Video Ink Jet & Make-up Fluid Operations with potential to emit any single HAP less than 5 lbs/day or 1 ton/year and any combination of HAP less than 12.5 lbs/day or 2.5 tons/year.
  - (3) Chemstrip Video Ink Jet & Make-up Fluid Operations with potential to emit any single HAP less than 5 lbs/day or 1 ton/year and any combination of HAP less than 12.5 lbs/day or 2.5 tons/year.
  - (4) **A diesel fuel dispensing facility having a storage capacity of less than or equal to 20,000 gallons, and dispensing less than 24,000 gallons per month.**

~~A.5~~ ~~Prior Permits Superseded [326 IAC 2-1.1-9.5]~~

- ~~(a)~~ ~~This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.~~
- ~~(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, including any term or condition from a previously issued construction or operation permit, IDEM, OAM, and ERMD 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.~~

**SECTION B** ~~GENERAL CONDITIONS~~

~~B.1~~ ~~Permit No Defense [IC 13]~~

~~Indiana statutes from IC 13 and rules from 326 IAC, quoted 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 FESOP under 326 IAC 2-8.~~

~~B.2 — Definitions [326 IAC 2-8-1]~~

~~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.3 — Permit Term [326 IAC 2-8-4(2)] [326 IAC 2-1.1-9.5]~~

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

~~B.4 — Enforceability [326 IAC 2-8-6]~~

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

~~(b) — Unless otherwise stated, all terms and conditions in this permit that are local requirements, including any provisions designed to limit the source's potential to emit, are enforceable by OES.~~

~~B.5 — Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3(h)]~~

~~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 2-8-3(h) and 326 IAC 2-8-9.~~

~~B.6 — Severability [326 IAC 2-8-4(4)]~~

~~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.7 — Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]~~

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

~~B.8 — Duty to Provide Information [326 IAC 2-8-4(5)(E)]~~

~~(a) — The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, and OES may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ, and OES copies of records required to be kept by this permit.~~

~~(b) — For information furnished by the Permittee to IDEM, OAQ, and OES, 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.9 — Compliance Order Issuance [326 IAC 2-8-5(b)]~~

~~IDEM, OAQ and OES may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.~~

~~B.10 — Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]~~

~~(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 an authorized individual of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.~~

~~(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.~~

~~(c) An authorized individual is defined at 326 IAC 2-1.1-1(1).~~

~~B.11 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]~~

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

~~and~~

~~Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

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

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

- ~~(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;~~
- ~~(2) The compliance status;~~
- ~~(3) Whether compliance was continuous or intermittent;~~
- ~~(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and~~
- ~~(5) Such other facts as specified in Sections D of this permit, IDEM, OAQ and OES may require to determine the compliance status of the source.~~

~~The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~B.12 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]~~

~~(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.~~
- (b) ~~— The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.~~
- (c) ~~— A copy of the PMPs shall be submitted to IDEM, OAQ, and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and OES. IDEM, OAQ, and OES may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- (d) ~~— To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.~~

B.13 Emergency Provisions [326 IAC 2-8-12]

- (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, except as provided in 326 IAC 2-8-12.~~
- (b) ~~— An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:
  - (1) ~~— An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;~~
  - (2) ~~— The permitted facility was at the time being properly operated;~~
  - (3) ~~— During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;~~
  - (4) ~~— For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, and OES, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;~~~~

~~Telephone No.: 1-800-451-6027 (ask for IDEM, OAQ, Compliance Section) or,  
Telephone No.: 317-233-5674 (ask for IDEM, OAQ, Compliance Section)  
Facsimile No.: 317-233-5967~~

~~and~~

~~Telephone No.: 317-327-2234 (ask for OES Air Compliance Section)  
Facsimile No.: 317-327-2274~~

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

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

and  
Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009

~~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 2-8-4(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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- ~~(6) — The Permittee immediately took all reasonable steps to correct the emergency.~~
- ~~(c) — In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.~~
- ~~(d) — This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.~~
- ~~(e) — IDEM, OAQ, and OES, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.~~
- ~~(f) — Failure to notify IDEM, OAQ, and OES, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.~~
- ~~(g) — Operations may continue during an emergency only if the following conditions are met:
  - ~~(1) — If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.~~
  - ~~(2) — If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
    - ~~(A) — The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and~~
    - ~~(B) — Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial~~~~~~

~~economic value.~~

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

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

~~B.14 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]~~

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

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

~~and~~

~~Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

~~using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does need to be included in this report.~~

~~The Quarterly Deviation and Compliance Monitoring Report does require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).~~

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

~~B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination  
[326 IAC 2] [326 IAC 8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]~~

~~(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP 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 2-8-4(5)(C)] The notification by the Permittee does require the certification by the “authorized individual” as defined by 326 IAC 2-1.1-1(1).~~

~~(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 2-8-8(a)]~~

~~(c) Proceedings by OES to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which~~

~~cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]~~

- ~~(d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by OES at least thirty (30) days in advance of the date this permit is to be reopened, except that OES may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]~~

~~B.16 Permit Renewal [326 IAC 2-8-3(h)]~~

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- ~~(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and OES and shall include the information specified in 326 IAC 2-8-3. 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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~Request for renewal shall be submitted to:~~

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

~~and~~

~~Indianapolis Office of Environmental Services  
Air Permits  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

- ~~(b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]~~

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

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

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

~~(2) If IDEM, OAQ, and OES upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.~~

- ~~(c) Right to Operate After Application for Renewal [326 IAC 2-8-9]~~

~~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 2-8 until IDEM, OAQ, and OES takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, and OES, any additional information identified as needed to process the application.~~

~~B.17 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]~~

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- ~~(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or~~

~~326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.~~

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

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

~~Indianapolis Office of Environmental Services  
Air Permits  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

~~Any such application shall be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]~~

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

~~B.18 Operational Flexibility [326 IAC 2-8-15] [326 IAC 2-8-11.1]~~

~~(a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without 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 approval required by 326 IAC 2-8-11.1 has been obtained;~~

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

~~(4) The Permittee notifies the:~~

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

~~and~~

~~Indianapolis Office of Environmental Services  
Air Permits  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

~~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 2-8-15(b) through (d) and makes such records available, upon reasonable request, to public review.~~

~~Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-8-15(b)(2), (c)(1), and (d).~~

- ~~(b) Emission Trades [326 IAC 2-8-15(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 2-8-15(c).~~

- ~~(c) Alternative Operating Scenarios [326 IAC 2-8-15(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 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.~~

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

~~B.19 Permit Revision Requirement [326 IAC 2-8-11.1]~~

~~A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.~~

~~B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2] [IC 13-17-3-2] [IC 13-17-3-2] [IC 13-30-3-1]~~

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

- ~~(a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;~~
- ~~(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;~~
- ~~(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;~~
- ~~(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and~~
- ~~(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.~~

~~B.21 — Transfer of Ownership or Operational Control [326 IAC 2-8-10]~~

~~(a) — The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.~~

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

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

~~and~~

~~Indianapolis Office of Environmental Services  
Air Permits  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

~~The application which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(c) — The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]~~

~~B.22 — Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]~~

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

~~(b) — 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.23 — Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314]~~

~~Notwithstanding the conditions of this permit that state specific methods that may be used to demonstrate compliance with, or a violation of, applicable requirements, any person (including the Permittee) may also use other credible evidence to demonstrate compliance with, or a violation of, any term or condition of this permit.~~

**SECTION C — SOURCE OPERATION CONDITIONS**

Entire Source

**Emissions Limitations and Standards [326 IAC 2-8-4(1)]**

~~C.1 — Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [40 CFR 52 Subpart P][326 IAC 6-3-2]~~

~~(1) — 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.~~

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

~~C.2 Overall Source Limit [326 IAC 2-8]~~

~~The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.~~

- ~~(a) Pursuant to 326 IAC 2-8:~~

~~(1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one hundred (100) tons per twelve (12) consecutive month period. This limitation shall also make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable;~~

~~(2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and~~

~~(3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.~~

- ~~(b) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.~~

- ~~(c) Section D of this permit contains independently enforceable provisions to satisfy this requirement.~~

~~C.3 Opacity [326 IAC 5-1]~~

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

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

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

~~C.4 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.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]~~

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

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

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

~~C.7 — Operation of Equipment [326 IAC 2-8-5(a)(4)]~~

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

~~C.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~~

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

~~and~~

~~Indianapolis Office of Environmental Services  
Asbestos Section  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

~~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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (e) ~~Procedures for Asbestos Emission Control~~  
~~The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1 emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.~~
- (f) ~~Demolition and renovation~~  
~~The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).~~
- (g) ~~Indiana Accredited Asbestos Inspector~~  
~~The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.~~

### **Testing Requirements [326 IAC 2-8-4(3)]**

#### **G.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, and OES.~~

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

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

~~and~~

~~Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

~~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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

- (b) ~~The Permittee shall notify IDEM, OAQ, and OES of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- (c) ~~Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ, and OES not later than forty five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, and OES, if the Permittee submits to IDEM, OAQ, and OES 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 by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.~~

## **~~Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]~~**

### ~~C.11 — Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]~~

~~Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) 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.~~

~~Unless otherwise specified in the approval for the new emissions unit, compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.~~

### ~~C.12 — 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.13 — Compliance Response Plan – Preparation, Implementation, Records, and Reports [326 IAC 2-8-4] [326 IAC 2-8-5]~~

~~(a) — The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ, and OES upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and is 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 (c) 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; 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, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ, and OES of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.~~
- ~~(4) Failure to take reasonable response steps shall be considered a deviation from the permit.~~
- ~~(c) The Permittee is not required to take any further response steps for any of the following reasons:~~
- ~~(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.~~
- ~~(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment 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 2-8-12 (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.~~

**~~Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]~~**

~~C.14 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]~~

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

~~C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]~~

- ~~(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, and OES 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 and OES may extend the retesting deadline.~~

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

~~The response action documents submitted pursuant to this condition do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

### **Record Keeping and Reporting Requirements ~~[326 IAC 2-8-4(3)]~~**

#### **~~C.16 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]~~**

- ~~(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the OES Administrator makes a request for records to the Permittee, the Permittee shall furnish the records to the OES Administrator within a reasonable time.~~
- ~~(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.~~

#### **~~C.17 General Reporting Requirements [326 IAC 2-8-4(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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:~~

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

~~and~~

~~Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, IN 46221-2009~~

- ~~(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and OES on or before the date it is due.~~
- ~~(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~
- ~~(e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.~~



### **Stratospheric Ozone Protection**

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

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

- ~~(a) — Persons opening appliances for maintenance, service, repair or disposal must comply with the required practices pursuant to 40 CFR 82.156~~
- ~~(b) — Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.~~
- ~~(c) — Persons performing maintenance, service, repair or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.~~

## **SECTION B GENERAL CONDITIONS**

### **B.1 Definitions [326 IAC 2-8-1]**

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 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]**

- (a) This permit, F097-18965-00338, is issued for a fixed term of ten (10) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ and OES, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

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

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

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

### **B.4 Enforceability [326 IAC 2-8-6]**

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

**B.5 Severability [326 IAC 2-8-4(4)]**

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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 2-8-4(5)(D)]**

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

**B.7 Duty to Provide Information [326 IAC 2-8-4(5)(E)]**

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- (a) The Permittee shall furnish to IDEM, OAQ and OES, within a reasonable time, any information that IDEM, OAQ and OES may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ and OES copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

**B.8 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]**

---

- (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 an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

**B.9 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]**

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

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

and

Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221

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

  - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-8-4(3); and
  - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ and OES may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**B.10 Compliance Order Issuance [326 IAC 2-8-5(b)]**

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IDEM, OAQ and OES may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

**B.11 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]**

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:

  - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ and OES. IDEM, OAQ and OES may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

**B.12 Emergency Provisions [326 IAC 2-8-12]**

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- (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 except as provided in 326 IAC 2-8-12.**

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

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;**
- (2) The permitted facility was at the time being properly operated;**
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;**
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, and OES within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;  
Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or  
Telephone Number: 317-233-0178 (ask for Compliance Section)  
Facsimile Number: 317-233-6865  
Office of Environmental Services phone: (317) 327-2234; fax: (317) 327-2274**
- (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:**

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

**and**

**Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

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

**The notice fulfills the requirement of 326 IAC 2-8-4(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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6)** The Permittee immediately took all reasonable steps to correct the emergency.
- (c)** In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d)** This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e)** The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ and OES may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f)** Failure to notify IDEM, OAQ and OES by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g)** Operations may continue during an emergency only if the following conditions are met:
  - (1)** If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
  - (2)** If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
    - (A)** The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
    - (B)** Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.
- Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.
- (h)** The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

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

- (a)** All terms and conditions of permits established prior to F097-18965-00338 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1)** incorporated as originally stated,
  - (2)** revised, or

(3) deleted.

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

**B.14 Termination of Right to Operate [326 IAC 2-8-9][326 IAC 2-8-3(h)]**

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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 2-8-3(h) and 326 IAC 2-8-9.

**B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]**

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

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

and

Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

**B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]**

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(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ and OES determines any of the following:**
  - (1) That this permit contains a material mistake.**
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.**
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]**
- (c) Proceedings by IDEM, OAQ and OES to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-8-8(b)]**
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ and OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ and OES may provide a shorter time period in the case of an emergency. [326 IAC 2-8-8(c)]**

**B.17 Permit Renewal [326 IAC 2-8-3(h)]**

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- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and OES and shall include the information specified in 326 IAC 2-8-3. 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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).**

**Request for renewal shall be submitted to:**

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

**and**

**Indianapolis Office of Environmental Services  
Air Permits  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

- (b) A timely renewal application is one that is:**
  - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and**
  - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and OES on or before the date it is due.**

- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ and OES takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ and OES any additional information identified as being needed to process the application.

**B.18 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]**

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- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.

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

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

and

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

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

**B.19 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]**

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- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-8-15(b) through (d) 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 approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

**(4) The Permittee notifies the:**

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

**and**

**Indianapolis Office of Environmental Services  
Air Permits  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

**and**

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

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

**(5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-8-15(b) through (d). The Permittee shall make such records available, upon reasonable request, for public review.**

**Such records shall consist of all information required to be submitted to IDEM, OAQ and OES in the notices specified in 326 IAC 2-8-15(b)(2), (c)(1), and (d).**

- (b) Emission Trades [326 IAC 2-8-15(c)]  
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).**
- (c) Alternative Operating Scenarios [326 IAC 2-8-15(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 2-8-4(7). No prior notification of IDEM, OAQ, or U.S. EPA is required.**
- (d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.**

**B.20 Source Modification Requirement [326 IAC 2-8-11.1]**

**A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.**

**B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]**

**Upon presentation of proper identification cards, credentials, and other documents as may**

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

- (a) Enter upon the Permittee's premises where a FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;**
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;**
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;**
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and**
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.**

**B.22 Transfer of Ownership or Operational Control [326 IAC 2-8-10]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.**
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:**

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

**and**

**Indianapolis Office of Environmental Services  
Air Permits  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

**The application which shall be submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).**

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

**B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]**

- (a) The Permittee shall pay annual fees to IDEM, OAQ and OES within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ and OES the applicable fee is due April 1 of each year.
- (b) 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 2-8-4(3)][326 IAC 2-8-5][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
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**Emissions Limitations and Standards [326 IAC 2-8-4(1)]**

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

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

**C.2 Overall Source Limit [326 IAC 2-8]**

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

- (a) Pursuant to 326 IAC 2-8:
  - (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable
  - (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and

- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
- (b) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.
- (c) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

**C.3 Opacity [326 IAC 5-1]**

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

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

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

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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.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]**

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

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

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

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

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

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251

and

Indianapolis Office of Environmental Services  
Air Enforcement  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (e) **Procedures for Asbestos Emission Control**  
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and Renovation**  
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Licensed Asbestos Inspector**  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

## Testing Requirements [326 IAC 2-8-4(3)]

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

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- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

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

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

and

Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, IN 46221

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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 an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ and OES not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ and OES if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

## Compliance Requirements [326 IAC 2-1.1-11]

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

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

## Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

### C.10 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

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Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented upon issuance of this permit. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment.

**Unless otherwise specified in the approval for the new emissions unit, compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.**

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

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

**Corrective Actions and Response Steps [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]**

**C.12 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]**

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

**C.13 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]**

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- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.**
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:**
  - (1) initial inspection and evaluation;**
  - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or**
  - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.**
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:**
  - (1) monitoring results;**
  - (2) review of operation and maintenance procedures and records; and/or**
  - (3) inspection of the control device, associated capture system, and the process.**
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.**
- (e) The Permittee shall maintain the following records:**
  - (1) monitoring data;**
  - (2) monitor performance data, if applicable; and**
  - (3) corrective actions taken.**

**C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]**

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- (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 and OES, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]**

**C.15 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]**

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- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or OES within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

**C.16 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]**

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- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

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

and

**Indianapolis Office of Environmental Services  
Air Compliance  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221**

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ and OES on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

**Stratospheric Ozone Protection**

**C.17 Compliance with 40 CFR 82 and 326 IAC 22-1**

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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.

.....

**Emission Limitations and Standards [326 IAC 2-8-4(1)]**

**D.1.1 PSD Minor Limit [326 IAC 2-8-4(1)][326 IAC 2-2][326 IAC 2-1.1-5][326 IAC 7-1.1-1]**

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Pursuant to FESOP 097-11275-00338 Issued January 10, 2000:

- (a) The combined total sum of diesel fuel input to Emission Unit ID G1, G2, G3, G4 and G5 shall not exceed 293,435 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is equivalent to 95.5 tons NO<sub>x</sub>, 17.1 tons of CO and 10.2 tons of SO<sub>2</sub> emissions per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The fuel allotment in subpart a) of this condition shall be adjusted when combusting more than one (1) fuel by the following: Every one (1) thousand gallon reduction in diesel fuel consumption can be substituted for 0.08 million cubic feet of natural gas consumption provided natural gas consumption does not exceed 24.0 million cubic feet per rolling twelve (12) consecutive month period.
- (c) The sulfur content of the fuel oil shall not exceed five tenths percent (0.5%) by weight.

~~Compliance with a), b) and c) makes 326 IAC 2-7 (Part 70 Permit Program) not applicable and satisfies the requirement to limit NO<sub>x</sub>, SO<sub>2</sub> and CO emissions to below the major source level such that 326 IAC 2-2 (Prevention of Significant Deterioration), 326 IAC 2-1.1-5 and 326 IAC 7-1.1-1 do not apply.~~

~~D.1.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]~~

~~A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for Emission Unit ID G1, G2, G3, G4 and G5.~~

**~~Compliance Determination Requirements~~**

~~D.1.3 Sulfur Content~~

~~Compliance with Condition D.1.1(c) shall be determined utilizing one of the following options:~~

~~(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed five-tenths (0.5) percent by weight:~~

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

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

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

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

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

~~D.1.4 Visible Emissions Notations~~

~~(a) Visible emission notations of the standby generators (G1, G2, G3, G4, and G5) stack exhaust shall be performed daily during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.~~

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

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

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

~~(e) 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 and Implementation shall be considered a deviation from this permit.~~

~~D.1.5 Record Keeping Requirements~~

- ~~(a) To document compliance with condition D.1.1, the Permittee shall maintain records of the monthly amount of each type of fuel combusted in Emission Unit ID G1, G2, G3, G4, and G5.~~
- ~~(b) To document compliance with Condition D.1.1(c), the Permittee shall maintain sulfur content records. If the fuel supplier certifications are used to demonstrate compliance, the following, at a minimum, shall be maintained:
  - ~~(1) Fuel supplier certifications;~~
  - ~~(2) The name of the fuel supplier; and~~
  - ~~(3) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.~~~~
- ~~(c) To document compliance with Condition D.1.2 the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.~~
- ~~(d) To document compliance with Condition D.1.4, the Permittee shall maintain records of visible emission notations of the standby generators stack exhaust once per day.~~
- ~~(e) All records shall be maintained in accordance with Section C – General Record Keeping Requirements, of this permit.~~

~~D.1.6 Reporting Requirements~~

~~A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address(es) listed in Section C – General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.~~

**Emission Limitations and Standards [326 IAC 2-8-4(1)]**

**D.1.1 PSD Minor Limit [326 IAC 2-8-4(1)] [326 IAC 2-2] [326 IAC 7-1.1-1]**

**Pursuant to FESOP 097-11275-00338 Issued January 10, 2000 and First Significant Permit Revision 097-26643-00338:**

- (a) The combined total sum of diesel fuel input to Emission Unit IDs G1, G2, G3, G4 and G5 shall be limited to less than 278,000 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is equivalent to 90.5 tons NO<sub>x</sub>, 16.19 tons of CO and 9.62 tons of SO<sub>2</sub> emissions per twelve (12) consecutive month period with compliance determined at the end of each month.**
- (b) The fuel allotment in subpart (a) of this condition shall be adjusted when combusting more than one (1) fuel by the following: every one (1) thousand gallon reduction in diesel fuel consumption can be substituted for 0.08 million cubic feet of natural gas consumption provided natural gas consumption does not exceed 24.0 million cubic feet per twelve (12) consecutive month period.**
- (c) The sulfur content of the fuel oil shall not exceed five-tenths percent (0.5%) by weight.**

**Compliance with (a), (b) and (c) above, combined with the natural gas usage limit in Condition D.3.1, and the potential to emit NO<sub>x</sub> from all other emission units at this source makes 326 IAC 2-7 (Part 70 Permit Program) not applicable and satisfies the requirement to limit NO<sub>x</sub>, SO<sub>2</sub> and CO emissions to below the major source level such that 326 IAC 2-2 (Prevention of Significant Deterioration) and 326 IAC 7-1.1-1 do not apply.**

#### **D.1.2 Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

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**A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for Emission Unit IDs G1, G2, G3, G4 and G5.**

#### **Compliance Determination Requirements**

#### **D.1.3 Sulfur Content**

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**Compliance with Condition D.1.1(c) shall be determined utilizing one of the following options:**

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed five-tenths (0.5) percent by weight:**
  - (1) Providing vendor analysis of fuel delivered, if accompanied by a vendor certification, or;**
  - (2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.**
    - (A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and**
    - (B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.**

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

#### **Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]**

#### **D.1.4 Visible Emissions Notations**

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- (a) Visible emission notations of the standby generators (G1, G2, G3, G4, and G5) stack exhaust shall be performed daily during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.**
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.**
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.**
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.**
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.**

## **Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]**

### **D.1.5 Record Keeping Requirements**

- (a) To document compliance with condition D.1.1, the Permittee shall maintain records of the monthly amount of each type of fuel combusted in Emission Unit IDs G1, G2, G3 G4, and G5.**
- (b) To document compliance with Condition D.1.1(c), the Permittee shall maintain sulfur content records. If the fuel supplier certifications are used to demonstrate compliance, the following, at a minimum, shall be maintained:**
  - (1) Fuel supplier certifications;**
  - (2) The name of the fuel supplier; and**
  - (3) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.**
- (c) To document compliance with Condition D.1.4, the Permittee shall maintain records of visible emission notations of the standby generators stack exhaust once per day. 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, (i.e. the process did not operate that day).**
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.**

### **D.1.6 Reporting Requirements**

**A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).**

## **SECTION D.3**

## **FACILITY OPERATION CONDITIONS**

### **Insignificant Activities:**

- (a) Natural gas fired combustion sources with heat input equal to or less than ten million (10,000) Btu per hour: [326 IAC 2-8-4]**
  - (1) One (1) Roof Top Unit, located in Building O, identified as Unit ID 7, rated at 470,000 Btu per hour;**
  - (2) Two (2) Boilers, located in Building B, identified as Unit IDs 2 and 3, each rated at 807,000 Btu per hour;**
  - (3) One (1) Boiler, located in Building B, identified as Unit ID 1, rated at 1,500,000 Btu per hour;**
  - (4) One (1) Water Heater, located in Building B, rated at 800,000 Btu per hour;**
  - (5) One (1) Boiler, located in Building C, rated at 800,000 Btu per hour;**
  - (6) Two (2) Boilers, located in Building E, identified as Unit IDs 1 and 2, each rated at**

- 900,000 Btu per hour;
- (7) Two (2) Boilers, located in Building H, identified as Unit IDs 1 and 2, each rated at 5,500,000 Btu per hour;
  - (8) One (1) Heater, located in Building K, rated at 480,000 Btu per hour; and
  - (9) One (1) Boiler, located in Building R, rated at 2,100,000 Btu per hour.

-----  
**(k) Other emergency equipment as follows:**

- (1) Gasoline generators not exceeding 110 horsepower.
  - (A) One (1) gasoline fired portable generator identified as Emission Unit ID K1. Emission Unit ID K1 is a reciprocating internal combustion engine rated at 12.5 kilowatts, operated less than 500 hours per year.
- (2) Diesel generators not exceeding 1600 horsepower:
  - (A) One (1) diesel fired emergency generator identified as Emission Unit ID L-18. Emission Unit ID L-18 is a Caterpillar Model 3406 reciprocating internal combustion engine rated at 3.1 million Btu maximum heat input and 402 horsepower output. Emission Unit ID L-18 exhausts at Stack/Vent ID L-18, operated less than 500 hours per year. Installation date of September 1999.

**(l) Other back-up equipment:**

- (1) Gasoline generators not exceeding 110 horsepower.
  - (A) One (1) gasoline fired portable generator identified as Emission Unit ID K2. Emission Unit ID K2 is a reciprocating internal combustion engine rated at 5.0 kilowatts.

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

**Emission Limitations and Standards [326 IAC 2-8-4(1)]**

**D.3.1 NOx FESOP Limit [326 IAC 2-8]**

Pursuant to 326 IAC 2-8, the source has chosen to limit NOx emissions to below 100 tons per year. Natural gas usage shall be limited as follows:

- (a) NOx emissions shall not exceed 100 pounds per million cubic feet of natural gas.
- (b) The plant-wide natural gas usage shall be limited to less than 26.4 million cubic feet MCF per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with the above limits, combined with the diesel fuel limits in Condition D.1.1, and the potential to emit NOx from all other emission units at this source, shall limit source-wide potential to emit of NOx to less than 100 tons per twelve (12) consecutive month period with compliance determined at the end of each month. Therefore, the requirements of 326 IAC 2-7 (Part 70 Permit Program) do not apply.

**Compliance Determination Requirements**

**D.3.2 Fuel Usages**

**Compliance with Condition D.3.1 shall be determined at the end of each month based on total natural gas usages since last compliance determination period.**

**Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]**

**D.3.3 Record Keeping Requirements**

- (a) To document compliance with Condition D.3.1, the Permittee shall maintain records of the monthly natural gas usage by the entire source.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**D.3.4 Reporting Requirements**

A quarterly summary of the information to document compliance with Condition D.3.1 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

**FESOP Quarterly Report**

**Source Name:** Roche Diagnostics Corporation  
**Source Address:** 9115 Hague Road, Indianapolis, Indiana 46250  
**Mailing Address:** P.O. Box 50457, Indianapolis, Indiana 46250-0457  
**FESOP No.:** F097-18965-00338  
**Facility:** Five Standby Generators: G1, G2, G3, G4 and G5  
**Parameter:** Combined diesel fuel throughput and combined natural gas throughput  
**Limit:** Less than 278,000 gallons per twelve (12) consecutive month period with compliance determined at the end of each month. Every 1000 gallon decrease in consumption can be substituted with 0.08 MMCF of natural gas consumption per twelve (12) consecutive month period.

**YEAR:** \_\_\_\_\_ **Quarter:** \_\_\_\_\_

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  
 and  
 INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES**

**FESOP Quarterly Report**

Source Name: Roche Diagnostics Corporation  
 Source Address: 9115 Hague Road, Indianapolis, Indiana 46250  
 Mailing Address: P.O. Box 50457, Indianapolis, Indiana 46250-0457  
 FESOP No.: F097-18965-00338  
 Facility: Plant-wide  
 Parameter: Natural gas usage  
 Limit: Less than 26.4 million cubic feet MMCF per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR: \_\_\_\_\_ Quarter: \_\_\_\_\_

Month	Natural Gas Usage	Natural Gas Usage	Natural Gas Usage
	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.**

<b>Conclusion and Recommendation</b>
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Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on June 11, 2008.

The operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Significant Permit Revision No. 097-26643-00338. The staff recommends to the Commissioner that this FESOP Significant Permit Revision be approved.

<b>OES Contact</b>
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(a) Questions regarding this proposed permit can be directed to:

Alic Bent  
c/o OES, Air Permits  
2700 South Belmont Avenue  
Indianapolis, Indiana 46221  
(317) 327-2353

(b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>.

(c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: [www.idem.in.gov](http://www.idem.in.gov).

**Appendix A: Emissions Calculations  
Emissions Summary**

**Company Name: Roche Diagnostics Corporation  
Address City IN Zip: 9115 Hague road, Indianapolis, IN 46250-0457  
Permit No.: SPR 097-26643-00338  
Reviewer: Alic Bent/EVP**

Emission Units	Unlimited Potential Emissions (tons/yr)						hr/yr
	PM	PM10	SO2	NOx	VOC	CO	
RICE Units (G1, G2, G3, G4 & G5)	27.70	22.80	200.84	1889.50	31.80	338.00	8760
Diesel Fired Emergency Generator (L-18)	0.24	0.24	0.22	3.42	0.27	0.74	500
Gasoline Fired Generator (K1)	0.00	0.00	0.00	0.02	0.02	1.64	500
Gasoline Fired Generator (K2)	0.01	0.01	0.01	0.12	0.16	11.50	8760
Six (6) Portable Space Heaters	0.07	0.09	3.75	1.34	0.08	0.37	8760
Various Natural Gas (NG) Units	0.17	0.68	0.05	9.01	0.50	7.57	8760
<b>TOTAL</b>	<b>28.19</b>	<b>23.82</b>	<b>204.87</b>	<b>1903.41</b>	<b>32.83</b>	<b>359.82</b>	

Fuel Usage Limit For RICE Units: 278,000 gals/yr  
Fuel Usage Limit For NG Units: 26.4 MMCF/yr

Emission Units	Limited PTE (tons/yr)						hr/yr
	PM	PM10	SO2	NOx	VOC	CO	
RICE Units (G1, G2, G3, G4 & G5)	1.33	1.14	9.62	90.50	1.52	16.19	8760
Diesel Fired Emergency Generator (L-18)	0.24	0.24	0.22	3.42	0.27	0.74	500
Gasoline Fired Generator (K1)	0.00	0.00	0.00	0.02	0.02	1.64	500
Gasoline Fired Generator (K2)	0.01	0.01	0.01	0.12	0.16	11.50	8760
Six (6) Portable Space Heaters	0.07	0.09	3.75	1.34	0.08	0.37	8760
Various Natural Gas (NG) Units	0.03	0.10	0.01	1.32	0.07	1.11	8760
<b>TOTAL</b>	<b>1.68</b>	<b>1.58</b>	<b>13.61</b>	<b>96.72</b>	<b>2.12</b>	<b>31.55</b>	

Limited PTE for RICE Units (tons/yr) = Fuel Usage (gal/yr) x 137000 Btu/gal x MMBtu/10<sup>6</sup> Btu x Emission Factor lbs/MMBtu x ton/2000 lbs  
Limited PTE for NG Units (tons/yr) = Fuel Usage (MMCF/yr) x Emission Factor (lb/MMCF) x ton/2000 lbs

**Appendix A: Emissions Calculations  
Natural Gas Combustion Only  
MM BTU/HR <100**

**Company Name: Roche Diagnostics Corporation  
Address City IN Zip: 9115 Hague road, Indianapolis, IN 46250-0457  
Permit No.: SPR 097-26643-00338  
Reviewer: Alic Bent/EVP**

**Twelve (12) Natural Gas Fired Combustion Units w/ heat input equal to or less than 10 MMBtu per hour.**

Total Heat Input Capacity	Potential Throughput
MMBtu/hr	MMCF/yr

20.6
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180.1

Limited Natural Gas Usage:	26.4	MMCF/yr
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Pollutant

	PM*	PM10*	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	1.9	7.6	0.6	100.0	5.5	84.0
Potential Emission in tons/yr	0.17	0.68	0.05	9.01	0.50	7.57
Limited Emission in tons/yr	0.03	0.10	0.01	1.32	0.07	1.11

\*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

\*\*Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

**Methodology**

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Limited PTE for NG Units (tons/yr) = Fuel Usage (MMCF/yr) x Emission Factor (lb/MMCF) x ton/2000 lbs

See page 3 for HAPs emissions calculations.

**Appendix A: Emissions Calculations****Natural Gas Combustion Only****MM BTU/HR <100****Small Industrial Boilers and Heaters****HAPs Emissions****Company Name: Roche Diagnostics Corporation****Address City IN Zip: 9115 Hague road, Indianapolis, IN 46250-0457****Permit No.: SPR 097-26643-00338****Reviewer: Alic Bent/EVP****HAPs - Organics**

	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	1.891E-04	1.081E-04	6.755E-03	1.621E-01	3.062E-04
Limited Emissions in tons/yr	2.8E-05	1.6E-05	9.9E-04	2.4E-02	4.5E-05

**HAPs - Metals**

	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	4.504E-05	9.908E-05	1.261E-04	3.423E-05	1.891E-04
Limited Emissions in tons/yr	6.6E-06	1.5E-05	1.8E-05	5.0E-06	2.8E-05

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.