



*Mitchell E. Daniels, Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant  
DATE: May 11, 2005  
RE: Eli Lilly and Company/Tippecanoe Lab. / 157-21143-00006  
FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

### Notice of Decision – Approval

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

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

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

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

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

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

Enclosures  
FNPER-AM.dot 1/10/05



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
*We make Indiana a cleaner, healthier place to live.*

---

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May 11, 2005

Mr. Stephen A. Roosz  
Eli Lilly and Company, Tippecanoe Laboratories  
1650 Lilly Road  
Lafayette, IN 47907-9201

Re: 157-21143-00006  
Second Administrative Amendment to  
Part 70 Permit T157-6879-00006

Dear Mr. Roosz:

Eli Lilly and Company, Tippecanoe Laboratories was issued a Part 70 operation permit on February 27, 2004 for a stationary bulk pharmaceutical manufacturing plant and associated support facilities located at 1650 Lilly Road, Lafayette, IN 47907. The permit was revised through a Significant Permit Modification (157-20216) on January 19, 2005, and an Administrative Amendment (AA) (157-20003) on April 1, 2005. Several changes requested by the source in AA application (157-20003) were not approved by IDEM. However, upon further discussion with the source on April 6, 2005, IDEM agreed to approve the changes as requested and directed the source to submit a second AA application to initiate the permit revision process. A letter requesting changes to the permit was received on April 20, 2005. The permit is hereby changed as requested with deleted language as ~~strikeouts~~ and new language **bolded**:

**1a. Requested Change**

Condition C.18(d): change to read: 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. Unless otherwise specified in this permit, all reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**1b. Response to Request**

IDEM, OAQ agrees to the requested change, which will provide additional clarification in determining which reports require the certification by the "responsible official". Pursuant to 326 IAC 2-7-11(a)(7), this change to the permit qualifies as an administrative permit amendment, since it is a revision to descriptive information where the revision will not trigger a new applicable requirement or violate a permit term. The permit has been revised as follows:

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

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- (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. **Unless otherwise specified in this permit, all reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

## 2a. Requested Change

Condition C.11(g): change to read: "The permittee shall prepare and submit to IDEM, OAQ a written report of the results of the calibration gas audits and relative accuracy test audits within thirty (30) days of the end of the quarter. The report must contain the information required by 326 IAC 3-5-5(e)(2). 326 IAC 3-5-5(e)(2) is not federally enforceable."

Condition C.11(h): change to read: "The permittee shall prepare and submit to IDEM, OAQ a written SOP within ninety (90) days of monitor installation. The CEMS SOP should contain, at a minimum, the items described in 326 IAC 3-5-4(a). If revisions are made to the SOP, updates shall be submitted to IDEM, OAQ biennially. 326 IAC 3-5-4(a) is not federally enforceable."

## 2b. Response to Request

IDEM, OAQ agrees to the requested change. The original Part 70 permit as issued on February 27, 2004 should have contained language stating that the requirements of 326 IAC 3-5-5(e)(2) and 326 IAC 3-5-4(a) are not federally enforceable because the current versions of 326 IAC 3-5-5(e)(2) and 326 IAC 3-5-4(a) have not been approved into the State Implementation Plan (SIP). Therefore, pursuant to 326 IAC 2-7-11(a)(7), this change to the permit qualifies as an administrative permit amendment, since it is a revision to descriptive information where the revision will not trigger a new applicable requirement or violate a permit term. The permit has been revised as follows:

### C.11 Maintenance of Continuous Emission Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)] [326 IAC 2-1.1-11] [326 IAC 3-5]

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- (g) The permittee shall prepare and submit to IDEM, OAQ a written report of the results of the calibration gas audits and relative accuracy test audits for each calendar quarter within thirty (30) calendar days after the end of each quarter. The report must contain the information required by 326 IAC 3-5-5(e)(2). **326 IAC 3-5-5(e)(2) is not federally enforceable.**
- (h) The permittee shall prepare and submit to IDEM, OAQ a written standard operating procedure (SOP) within ninety (90) days after monitor installation. The CEMS SOP should contain, at a minimum, the items described in 326 IAC 3-5-4(a). If revisions are made to the SOP, updates shall be submitted to IDEM, OAQ biennially. **326 IAC 3-5-4(a) is not federally enforceable.**

## 3a. Requested Change

Condition D.1.18 should be revised so that D.1.18(a) reads as described below, and the remaining subsections of the condition are re-lettered.

- (a) The Permittee shall submit quarterly summary reports of the monthly coal characteristic and consumption records required by Condition D.1.12 for Boilers 1, 2 and 3.

## 3b. Response to Request

IDEM, OAQ agrees to the requested change. The reporting requirements of Condition D.1.18(a) for Boilers 1, 2, and 3 and the Quarterly Coal Characteristic and Consumption Report Form were erroneously removed from the permit as part of Administrative Amendment (AA) (157-20003), issued on April 1, 2005. Although none of the coal-fired boilers at Tippecanoe Laboratories individually has a capacity greater than 100 MMBtu/hr, the "total coal-fired heat input capacity" of all three coal-fired boilers at the source exceeds 100 MMBtu/hr. Therefore the source is subject to the requirements of 326 IAC 7-2-1(c)(2). Pursuant to 326 IAC 2-7-11(a)(1), this change to the

permit qualifies as an administrative permit amendment, since it is a revision that corrects typographical errors. The permit has been revised as follows:

D.1.18 Reporting Requirements

- (a) **The Permittee shall submit quarterly summary reports of the monthly coal characteristic and consumption records required by Condition D.1.12 for Boilers 1, 2 and 3.**
- (ab) The Permittee shall submit quarterly summary reports of the monthly fuel oil characteristic and consumption records required by Condition D.1.13 for Boilers 4 and 5.
- (bc) The Permittee shall submit quarterly summary reports of the monthly natural gas and fuel oil consumption records required by Condition D.1.14 for Boiler 5.
- (cd) All reports shall be submitted to the address listed in Section C – General Reporting Requirements, of this permit, using the reporting form located at the end of this permit, or its equivalent, within thirty (30) days after the end of the quarter being reported. The report does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

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

**Section D.1 – Utilities Operations  
Quarterly Coal Characteristic and Consumption Report**

Source Name: Eli Lilly and Company, Tippecanoe Laboratories  
Source Address: 1650 Lilly Road, Lafayette, Indiana 47909  
Mailing Address: 1650 Lilly Road, Lafayette, Indiana 47909  
Part 70 Permit No.: T157-6879-00006  
Facility: Boilers 1, 2 and 3  
Parameter: SO<sub>2</sub> emissions  
Limit: 6.0 lbs/MMBtu

Quarter: \_\_\_\_\_ Year: \_\_\_\_\_

Month	Sulfur Content (% Wt.)	Heating Value (Btu/lb)	Coal Consumption (tons)	Emission Rate (lbs/MMBtu)

Check one of the following:

\_\_\_\_\_ No deviation occurred in this quarter.

\_\_\_\_\_ The following deviation/s occurred in this quarter:

Submitted by: \_\_\_\_\_

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

Signature: \_\_\_\_\_

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

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

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

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**4a. Requested Change**

There are two instances in condition D.13.5, which applies to the T149 rotary kiln incinerator, where the language refers to the "T49" rotary kiln incinerator. A "1" should be added in each instance so that the permit correctly refers to the T149 rotary kiln incinerator. This error occurs in the second line of the lead-in paragraph of Condition D.13.5, and in the 4th line of D.13.5(d). The same error occurs in the first line of Condition D.13.19(a)(1)(C).

**4b. Response to Request**

IDEM, OAQ agrees to the requested change. Pursuant to 326 IAC 2-7-11(a)(1), this change to the permit qualifies as an administrative permit amendment, since it is a revision that corrects typographical errors. The permit has been revised as follows:

**D.13.5 Hazardous Air Pollutant (HAP) Emission Standards [40 CFR 63.1203]**

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Except for periods of startup, shutdown and malfunctions, the following emission standards shall apply at all times the ~~T49~~**T149** rotary kiln incinerator is operating:

- (d) Hydrochloric Acid/Chlorine Gas (HCl/Cl<sub>2</sub>) and Fluorides - In order to satisfy the HWC MACT standards [40 CFR 63.1203(b)(6)], the HCl/Cl<sub>2</sub> emissions from the T149 rotary kiln incinerator stack exhaust shall not exceed 21 ppmvdc, expressed as HCl equivalent. In order to satisfy the PSD BACT requirements for fluorides [326 IAC 2-2-3], the ~~T49~~**T149** rotary kiln incinerator control system shall achieve a HCl control efficiency of 98 percent or greater.

**D.13.19 Reporting Requirements**

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(a) Quarterly Reporting Requirements

- (1) The following streamlined quarterly reporting requirements shall satisfy the HWC MACT standards [40 CFR 63.1211], which references the MACT General Provisions [63.7-63.10], PSD BACT requirements [326 IAC 2-1.1-11], and the continuous emissions monitoring requirements [326 IAC 3-5]:

- (C) SSM summary reports for the ~~T49~~**T149** rotary kiln incinerator control system, including associated CEMS and CMS equipment;

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Nathan C. Bell, 100 North Senate Avenue, Indianapolis, Indiana, 46204, at 317-234-3350 or at 1-800-451-6027 (ext 43350).

Sincerely,

Original signed by  
Nysa L. James, Section Chief  
Permits Branch  
Office of Air Quality

ncb

Attachment: Revised permit pages

cc: File - Tippecanoe County  
U.S. EPA, Region V  
Tippecanoe County Health Department  
Air Compliance Section Inspectors - Ray Schick and Wanda Stanfield  
Compliance Data Section  
Permit Tracking  
Administrative and Development



Mitchell E. Daniels, Jr.  
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 Commissioner

100 North Senate Avenue  
 Indianapolis, Indiana 46204  
 (317) 232-8603  
 (800) 451-6027  
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**PART 70 OPERATING PERMIT AND  
 PREVENTION OF SIGNIFICANT DETERIORATION (PSD)  
 FLEXIBLE PERMIT**

**OFFICE OF AIR QUALITY**

**Eli Lilly and Company  
 Tippecanoe Laboratories Facility  
 1650 Lilly Road  
 Lafayette, Indiana 47909**

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

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

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

Operation Permit No.: T157-6879-00006	
Issued by: Original signed by Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: February 27, 2004 Expiration Date: February 27, 2009
First Significant Permit Modification No: 157-20216-00006	Issuance Date: January 19, 2005
First Administrative Amendment No: 157-20003-00006	Issuance Date: April 1, 2005
Second Administrative Amendment No: 157-21143-00006	Pages Affected: 29, 29a, 33, 40, 119, 128, 197
Issued by: Original signed by Nysa L. James, Section Chief Office of Air Quality	Issuance Date: May 11, 2005

- (A) design, installation, and testing of all elements of the monitoring system;  
and
- (B) required corrective action or compliance plan activities.
- (2) All maintenance logs, calibration checks, and other required quality assurance activities.
- (3) All records of corrective and preventive action.
- (4) A log of plant operations, including the following:
  - (A) Date of facility downtime.
  - (B) Time of commencement and completion of each downtime.
  - (C) Reason for each downtime.
- (e) In accordance with 326 IAC 3-5-7(5), the Permittee shall submit reports of continuous monitoring system instrument downtime, except for zero (0) and span checks, which shall be reported separately. The reports shall include the following:
  - (1) Date of downtime.
  - (2) Time of commencement.
  - (3) Duration of each downtime.
  - (4) Reasons for each downtime.
  - (5) Nature of system repairs and adjustments.
- (f) Except where permit conditions streamline similar applicable requirements pursuant to 326 IAC 2-7-24, nothing in this permit nor in 326 IAC 3-5 supercedes the monitoring provisions in 40 CFR Part 60 or 40 CFR Part 63.
- (g) The permittee shall prepare and submit to IDEM, OAQ a written report of the results of the calibration gas audits and relative accuracy test audits for each calendar quarter within thirty (30) calendar days after the end of each quarter. The report must contain the information required by 326 IAC 3-5-5(e)(2). 326 IAC 3-5-5(e)(2) is not federally enforceable.
- (h) The permittee shall prepare and submit to IDEM, OAQ a written standard operating procedure (SOP) within ninety (90) days after monitor installation. The CEMS SOP should contain, at a minimum, the items described in 326 IAC 3-5-4(a). If revisions are made to the SOP, updates shall be submitted to IDEM, OAQ biennially. 326 IAC 3-5-4(a) is not federally enforceable.

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

**C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on December 13, 2000.

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

100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. Unless otherwise specified in this permit, all reports do require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).
- (e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

### **Stratospheric Ozone Protection**

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

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The Permittee shall comply with all the applicable provisions of 40 CFR Part 82, wherever applicable to activities at the source.

data reporting of the information collected pursuant to 326 IAC 3-7-2. In addition, any revision to the SOP shall be submitted to IDEM, OAM.

#### D.1.16 Visible Emissions Notations

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The Permittee shall record the visible emissions notations of the coal-fired boilers stack exhaust when combusting coal.

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

#### D.1.17 Record Keeping Requirement (Deleted)

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Condition D.1.17 was deleted pursuant to Administrative Permit Amendment 157-20003-00006.

#### D.1.18 Reporting Requirements

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- (a) The Permittee shall submit quarterly summary reports of the monthly coal characteristic and consumption records required by Condition D.1.12 for Boilers 1, 2 and 3.
- (b) The Permittee shall submit quarterly summary reports of the monthly fuel oil characteristic and consumption records required by Condition D.1.13 for Boilers 4 and 5.
- (c) The Permittee shall submit quarterly summary reports of the monthly natural gas and fuel oil consumption records required by Condition D.1.14 for Boiler 5.
- (d) All reports shall be submitted to the address listed in Section C – General Reporting Requirements, of this permit, using the reporting form located at the end of this permit, or its equivalent, within thirty (30) days after the end of the quarter being reported. The report does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

### **Modifications and Construction Requirements [326 IAC 2-7-10.5, 326 IAC 2-7-12 and 326 IAC 2-2]**

#### D.1.19 Modifications and Construction: Advance Approval of Permit Conditions Requirements

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The emission units described in this D section are not subject to the advance approval permit conditions.

#### D.13.4 Oxides of Nitrogen (NO<sub>x</sub>) Emission Standards [326 IAC 2-2-3]

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In order to satisfy the PSD BACT requirements [326 IAC 2-2-3], the T149 rotary kiln incinerator shall be equipped with selective non-catalytic reduction (SNCR) equipment to control NO<sub>x</sub> emissions. The NO<sub>x</sub> emissions from the incinerator stack exhaust shall not exceed 170 ppmv dry corrected to 7% oxygen, expressed as NO<sub>2</sub>, averaged over a 24-hour daily period when burning waste streams.

#### D.13.5 Hazardous Air Pollutant (HAP) Emission Standards [40 CFR 63.1203]

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Except for periods of startup, shutdown and malfunctions, the following emission standards shall apply at all times the T149 rotary kiln incinerator is operating:

- (a) Mercury – Pursuant to the HWC MACT standards [40 CFR 63.1203(b)(2)], the mercury emissions from the T149 rotary kiln incinerator stack exhaust shall not exceed 45 ug/dscm, corrected to 7% oxygen.
- (b) Lead and Cadmium – Pursuant to the HWC MACT standards [40 CFR 63.1203(b)(3)], the total semi-volatile metals (lead and cadmium) emissions from the T149 rotary kiln incinerator stack exhaust shall not exceed 120 ug/dscm, corrected to 7 percent oxygen.
- (c) Arsenic, Beryllium, and Chromium – Pursuant to the HWC MACT standards [40 CFR 63.1203(b)(4)], the total low volatile metals (arsenic, beryllium, and chromium) emissions from the T149 rotary kiln incinerator stack exhaust shall not exceed 97 ug/dscm, corrected to 7 percent oxygen.
- (d) Hydrochloric Acid/Chlorine Gas (HCl/Cl<sub>2</sub>) and Fluorides - In order to satisfy the HWC MACT standards [40 CFR 63.1203(b)(6)], the HCl/Cl<sub>2</sub> emissions from the T149 rotary kiln incinerator stack exhaust shall not exceed 21 ppmvdc, expressed as HCl equivalent. In order to satisfy the PSD BACT requirements for fluorides [326 IAC 2-2-3], the T149 rotary kiln incinerator control system shall achieve a HCl control efficiency of 98 percent or greater.
- (e) Dioxin/Furans – Pursuant to HWC MACT standards [40 CFR 63.1203(b)(1)], the dioxin/furan emissions from the T149 rotary kiln incinerator stack exhaust shall not exceed 0.20 ng TEQ/dscm, corrected to 7 percent oxygen.
- (f) Principle Organic Hazardous Constituents (POHCs) – Pursuant to the HWC MACT standards [40 CFR 63.1203(c)(1) and (2)], the Permittee shall comply with the following requirements:
  - (1) The destruction and removal efficiency (DRE) for each principle organic hazardous constituent (POHC), excluding dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027 shall be at least 99.99 percent.
  - (2) Dioxin-listed hazardous wastes F020, F021, F022, F023, F026, or F027 shall not be burned in the T149 rotary kiln incinerator.

#### D.13.6 Carbon Monoxide (CO) Emission Standards [326 IAC 2-2-3, 40 CFR Part 52, Subpart P, and 40 CFR 63.1203]

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- (a) In order to satisfy the HWC MACT standards [40 CFR 63.1203(b)(5)(i)] and the PSD BACT requirements [326 IAC 2-2-3], the CO emissions from the T149 rotary kiln incinerator stack exhaust, as monitored by a continuous emissions monitoring system (CEMS), shall not exceed 100 ppmv dry corrected to 7% oxygen, averaged over an

- (10) Daily visual inspection records of the T149 rotary kiln incinerator to ensure the combustion zone is sealed as required by Condition D.13.10 (a) and 40 CFR 63.1206(c)(5);
  - (11) A copy of the Operator Certification and Training Program required by Condition D.13.11 and 40 CFR 63.1206(c)(6); and
  - (12) Documentation of the changes in modes of operation as required by 40 CFR 63.1209(q).
  - (13) For days when condition D.13.17 requires that CEMS data must be supplemented, the documentation of the information required by Condition D.13.14 (b)(3).
- (b) The record keeping and reporting requirements for the LDAR standards are described in Section E.2 of this permit.
- (c) The Permittee shall maintain quarterly records of all fuel oil used in the T149 rotary kiln incinerator on a calendar month average basis, for the following:
- (1) Sulfur content;
  - (2) Heat content;
  - (3) Fuel consumption; and
  - (4) Sulfur dioxide emission rate in pounds per MMBtu.

#### D.13.19 Reporting Requirements

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- (a) Quarterly Reporting Requirements
- (1) The following streamlined quarterly reporting requirements shall satisfy the HWC MACT standards [40 CFR 63.1211], which references the MACT General Provisions [63.7-63.10], PSD BACT requirements [326 IAC 2-1.1-11], and the continuous emissions monitoring requirements [326 IAC 3-5]:
    - (A) Reports shall be submitted within 30 days following the reporting period using the reporting forms located at the end of this permit, or their equivalent;
    - (B) Summary reports of excess emissions, parameter exceedances, and monitor downtime including information specified in 63.10(c)(5)-(c)(13);
    - (C) SSM summary reports for the T149 rotary kiln incinerator control system, including associated CEMS and CMS equipment;
    - (D) Excessive exceedances report, if applicable, as required by 40 CFR 63.1206(c)(3)(vi); and
    - (E) Emergency safety vent opening reports as require by 40 CFR 63.1206(c)(4)(iv); and
  - (2) In addition to the requirements described in (a)(1) of this condition, the Permittee shall report the following information for the NO<sub>x</sub> and SO<sub>2</sub> CEMS to satisfy the PSD BACT requirements [326 IAC 2-1.1-11]:

## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

### Section D.1 – Utilities Operations Quarterly Coal Characteristic and Consumption Report

Source Name: Eli Lilly and Company, Tippecanoe Laboratories  
Source Address: 1650 Lilly Road, Lafayette, Indiana 47909  
Mailing Address: 1650 Lilly Road, Lafayette, Indiana 47909  
Part 70 Permit No.: T157-6879-00006  
Facility: Boilers 1, 2 and 3  
Parameter: SO<sub>2</sub> emissions  
Limit: 6.0 lbs/MMBtu

Quarter: \_\_\_\_\_ Year: \_\_\_\_\_

Month	Sulfur Content (% Wt.)	Heating Value (Btu/lb)	Coal Consumption (tons)	Emission Rate (lbs/MMBtu)

Check one of the following:

\_\_\_\_\_ No deviation occurred in this quarter.

\_\_\_\_\_ The following deviation/s occurred in this quarter:

Submitted by: \_\_\_\_\_

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

Signature: \_\_\_\_\_

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

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

Attach a signed certification to complete this report.