



Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

October 28, 2004

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

TO: Interested Parties / Applicant
RE: Toyota Motor Manufacturing, Indiana, Inc. / 051-19456-00037
FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

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

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-7-3 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

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

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

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



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

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October 28, 2004

Mr. Kevin Aldrich
Toyota Motor Manufacturing, Indiana, Inc.
25 Atlantic Avenue
Erlanger, KY 41018-3188

Re: **051-19456-00037**
First Significant Permit Modification to
Part 70 No.: T 051-11646-00037

Dear Mr. Aldrich:

Toyota Motor Manufacturing, Indiana, Inc., was issued a permit on May 7, 2004 for an automobile and light duty truck assembly plant. A letter requesting changes to this permit was received on June 10, 2004. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of following:

- (a) Adding the notification requirements of 40 CFR 63, Subpart IIII (NESHAP for Automobile and Light Duty Truck Surface Coating) and the notification requirements of 40 CFR 63, Subpart DDDDD (NESHAP for Industrial, Commercial, and Institutional Boilers and Process Heaters) to Sections D.1 and D.2, respectively; and
- (b) Revising the requirements of Section D.8 to provide clarification on each emission limit, compliance determination, and record keeping and reporting requirement that is applicable to the two (2) paint hospitals and one (1) touch-up paint booth. The source has provided sufficient information to IDEM, OAQ, to shows that the actual VOC emissions from the either of the two (2) paint hospitals or the one (1) touch-up paint booth cannot exceed fifteen (15) pounds per day.

The changes in the Part 70 Operating Permit are documented in the Technical Support Document. All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification 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 Michael S. Schaffer, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 ext. 23 or in Indiana at 800-451-6027, ask for extension 631-691-3395.

Sincerely,
Original signed by

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
MSS/MES

cc: File - Gibson County
U.S. EPA, Region V
Gibson County Health Department
Southwest Regional Office
Air Compliance Section Inspector - Gene Kelso
Compliance Branch
Administrative and Development Section
Technical Support and Modeling - Michelle Boner



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**PART 70 OPERATING PERMIT
OFFICE OF AIR QUALITY**

**Toyota Motor Manufacturing, Indiana, Inc.
4000 Tulip Tree Drive
Princeton, Indiana 47670-4000**

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

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

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

Operation Permit No.: T 051-11646-00037	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: May 7, 2004 Expiration Date: May 7, 2009

First Significant Permit Modification: 051-19456-00037	Pages Affected: 2 - 8, 9, 27, 34 - 36, 38 - 40, 44 - 46, 100 - 103, and 116- 134 Pages Added: 8a, 40a and 46a
Issued by: ORIGINAL SIGNED BY Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: October 28, 2004

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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). The information describing the source contained in Conditions A.1, A.3 and A.4 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

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

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

Responsible Official:	Vice President
Source Address:	4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address:	25 Atlantic Avenue Erlanger, Kentucky 41018-3188
General Source Phone Number:	812-387-2000
SIC Code:	3711
County Location:	Gibson
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

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

This automobile and light duty truck assembly company consists of two (2) plants:

- (a) Plant #1 is located at 4000 Tulip Tree Drive, Princeton, Indiana; and
- (b) Plant #2 is located at 4000 Tulip Tree Drive, Princeton, Indiana.

Since the two (2) plants are located on contiguous or adjacent properties, belong to the same industrial grouping, and under common control of the same entity, they will be considered one (1) source, effective from the date of issuance of this Part 70 operating permit.

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

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

**Plant #1 and Plant #2 automobile and/or light duty truck assembly operation;
capacity: 450,000 vehicles per year, total**

PLANT-WIDE COMBUSTION

- (a) Plant-wide natural gas combustion (non-boilers), known as Emission Unit 1, heat input capacity: 1,330.1 million British thermal units per hour, total (includes all natural gas combustion units that are insignificant activities).
- (b) Three (3) powerhouse boilers (Boilers #1 - #3), located in Building #501, known as Emission Unit 2, installed in 1998, combusting natural gas or No. 2 fuel oil, equipped with low NO_x burners for NO_x control, heat input capacity: 41.8 million British thermal units per hour, each.

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

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

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

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.

- (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 the "responsible official" as defined by 326 IAC 2-7-1(34).

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

C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

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

- (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
- (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

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

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

C.19 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (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 makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, 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. 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.21 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.

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D.1.4 Paint Line Procedures For Thermal Oxidizers [326 IAC 2-2]

Pursuant to Conditions 17(a) through (d) of CP 051-5391-00037, issued on August 9, 1996 and 326 IAC 2-2, the following shall apply to the production paint line system:

- (a) When operating, prior to the first compliance test, the thermal oxidizers shall maintain a minimum operating temperature of 1,350 °F or an operating temperature determined in compliance tests required by Condition D.1.2(a), to maintain compliance.
- (b) The production paint lines shall be equipped with “system interlocks” as safety features, which will automatically shut down all related spray equipment if the thermal oxidizer’s operating temperature drops below the determined compliance programmed set point.
- (c) No new vehicle shall enter the paint line as the system is in process to empty the vehicles during shut down.
- (d) Any shut down event shall be recorded in the maintenance computer control system for investigation to countermeasure against future occurrences. Hard copy records shall be generated, kept for at least the past twenty-four (24) month period and made available upon request to IDEM, OAQ.

D.1.5 General Provisions Relating to HAPs [326 IAC 20-1] [40 CFR Part 63, Subpart A] [Table 2 to 40 CFR Part 63, Subpart III] [40 CFR 63.3101]

- (a) The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the affected source, except when otherwise specified by Table 2 to 40 CFR Part 63, Subpart III. The Permittee must comply with these requirements on and after April 26, 2007.
- (b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

D.1.6 National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Automobiles and Light Duty Trucks [40 CFR 63, Subpart III] [40 CFR 63.3081] [40 CFR 63.3082] [40 CFR 63.3176]

- (a) The provisions of 40 CFR Part 63, Subpart III (National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light Duty Trucks) apply to the affected source. A copy of this rule is available on the US EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/auto/autopg.html>. Pursuant to 40 CFR 63.3083(b), the Permittee must comply with these requirements on and after April 26, 2007.
- (b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.
- (c) The affected source is the collection of all of the items listed in 40 CFR 63.3082(b), paragraphs (1) through (4) that are used for surface coating of new automobile or new light-duty truck bodies or body parts for new automobiles or new light-duty trucks.
 - (1) All coatings operations as defined in 40 CFR 63.3176;
 - (2) All storage containers and mixing vessels in which coatings, thinners, and cleaning materials are stored or mixed;

- (3) All manual and automated equipment and containers used for conveying coatings, thinners, and cleaning materials; and
- (4) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.
- (d) Terminology used in this section are defined in the CAA, in 40 CFR Part 63, Section 63.2, and in 40 CFR 63.3176, and are applicable to the affected source.

Compliance Determination Requirement

D.1.7 Control Devices [326 IAC 2-2]

In order to demonstrate compliance with Condition D.1.1 and the requirements of 326 IAC 2-2, pursuant to Conditions 17, 18, and 19 of CP 051-5391-00037, issued on August 9, 1996, the regenerative thermal oxidizers, carbon adsorbers, and wet scrubbers shall operate at all times when the automobile and light duty truck assembly plants (Plant #1 and Plant #2) are in operation.

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

D.1.8 Monitoring [326 IAC 2-2]

Pursuant to Condition 37 of CP 051-5391-00037, issued on August 9, 1996 and 326 IAC 2-2, the Permittee shall conduct a minimum of thirty-six (36) months of post-construction monitoring of ozone, NO_x, and meteorology.

- (a) The monitoring must be performed using U.S. EPA approved methods, procedures, and quality assurance programs and be in accordance with plan and protocol approved by OAQ. The quality assurance plan and protocol shall be submitted to OAQ, Ambient Monitoring Section, ninety (90) calendar days in advance of the start of monitoring. The plan must be approved prior to commencement of monitoring.
- (b) The monitoring sites shall be established at locations approved by OAQ. All monitor shall meet the operating and maintenance criteria outlined in the OAQ Quality Assurance Manual.
- (c) The ozone ambient data shall be collected for three (3) ozone seasons (April 1 through September 30), commencing with the first ozone season following the initial compliance demonstration of Phase I.
- (d) The NO_x ambient data shall be collected for a thirty-six (36) month period following the initial compliance demonstration of Phase I.
- (e) Based on prevailing winds, a downwind monitoring site shall measure meteorological parameters, i.e., wind direction, wind speed, and temperature, for a thirty-six (36) month period following the initial compliance demonstration of Phase I.
- (f) A quarterly summary of monitoring data shall be submitted to:

Ambient Monitoring Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, IN 46206-6015

within ninety (90) calendar days after the end of the quarter being reported.

- (g) After the thirty-six (36) month period, the Permittee, may petition OAQ for the removal of the monitoring sites if it has been established that the ozone, NO_x, and meteorological levels will continue to comply with the National Ambient Air Quality Standards (NAAQS). The monitoring requirements may be continued beyond the minimum three (3) year period if there exists a threat to the National Ambient Air Quality Standards.

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

D.1.9 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken as stated below and shall be complete and sufficient to establish compliance with the automobile and light duty truck production limit and the VOC emission limit established in Condition D.1.1. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.
- (1) The VOC content of each coating material and solvent used.
 - (2) The amount of coating material and solvent less water used on monthly basis.
 - (A) Records shall include, but not limited to, purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
 - (3) The cleanup solvent usage for each month;
 - (4) The total VOC usage for each month;
 - (5) The weight of VOCs emitted for each month; and
- (b) To document compliance with Condition D.1.8, the Permittee shall keep records of the following on a quarterly basis:
- (1) The monitoring site locations,
 - (2) The ozone ambient data,
 - (3) The NO_x data, and
 - (4) Meteorological parameters, i.e., wind direction, wind speed, and temperature.

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

D.1.10 Notification Requirements [40 CFR 63.3110]

- (a) General. The Permittee must the applicable notifications in 40 CFR Part 63, Sections 63.7(b) and (c) 63.8(f)(4), and 63.9(b) through (e) and (h) by the dates specified in those sections, except as provided in 40 CFR 63.3110, paragraphs (b) and (c).
- (b) Initial Notification. The Permittee must submit the initial notification no later than April 26, 2005. Existing sources that have previously submitted notifications of applicability of this rule pursuant to Section 112(j) of the CAA are not required to submit an initial notification under 40 CFR 63.9(b) except to identify and describe all additions to the affected source made pursuant to 40 CFR 63.3082(c).
- (c) Notification of compliance status. The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 20 days following the end of the initial compliance period described in 40 CFR 63.3160. The notification of compliance status must contain the information specified in 40 CFR 63.3110(c), paragraphs (1) through (12) and any additional information specified in 40 CFR 63.9(h).

D.1.11 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12] [326 IAC 2-7-5]

The Permittee shall submit an application for a significant permit modification to IDEM, OAQ to include information regarding which compliance option or options will be chosen in the Part 70 permit.

- (a) The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Part 70 permit the applicable requirements of 40 CFR 63, Subpart IIII, a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.
- (b) The significant permit modification application shall be submitted no later than July 26, 2006.
- (c) The significant permit modification 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

D.1.12 Reporting Requirements

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

- (b) The sulfur content of the fuel oil shall not exceed five-tenths percent (0.5%) by weight. [40 CFR 60.42c(d)]

Pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur content limit applies at all times, including periods of startup, shutdown, and malfunction.

D.2.6 General Provisions Relating to NESHAP [326 IAC 20-1] [40 CFR Part 63, Subpart A]

The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the affected source, as designated by 40 CFR 63.7506(b). The Permittee must comply with these requirements on and after November 12, 2004.

D.2.7 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR Part 63, Subpart DDDDD]

(a) The affected source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, (40 CFR 63, Subpart DDDDD), as of November 12, 2004. Pursuant to this rule, the Permittee must comply with 40 CFR 63, Subpart DDDDD on and after September 13, 2007.

(b) The following emissions unit comprises the affected source for the large gaseous fuel and/or large liquid fuel subcategory:

- (1) Any process heater with a rating greater than ten (10) million British thermal units per hour and a annual capacity factor greater than ten percent (10%) from the following equipment:

Plant-wide natural gas combustion (non-boilers), known as Emission Unit 1, heat input capacity: 1,330.1 million British thermal units per hour, total (includes all natural gas combustion units that are insignificant activities).

- (2) Three (3) powerhouse boilers (Boilers #1 - #3), located in Building #501, known as Emission Unit 2, installed in 1998, combusting natural gas or No. 2 fuel oil, equipped with low NO_x burners for NO_x control, heat input capacity: 41.8 million British thermal units per hour, each.

D.2.8 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the six (6) powerhouse boilers (Boilers #1 - #6).

Compliance Determination Requirements

D.2.9 Opacity Testing Requirement [40 CFR 60.45c]

In order to comply with Condition D.2.3, the Permittee shall conduct an initial performance test as required under 40 CFR 60.8, and shall conduct subsequent performance tests as requested by IDEM, OAQ to determine compliance with the standards using the procedures and reference methods listed in 40 CFR 60.45c.

D.2.10 Sulfur Dioxide Emissions and Sulfur Content [40 CFR 60.44c] [326 IAC 12-1]

Pursuant to 40 CFR 60.44c, the Permittee shall demonstrate compliance utilizing one of the following options:

- (a) Providing vendor analysis of fuel delivered, if accompanied by a certification; or
- (b) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.
 - (1) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and
 - (2) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.

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

D.2.11 Visible Emissions Notations

- (a) Visible emission notations of the six (6) powerhouse boilers stack exhaust shall be performed once per shift during normal daylight operations when combusting No. 2 fuel oil. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

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

D.2.12 Record Keeping Requirements

- (a) To document compliance with 40 CFR 60.48c(g) and (i), the Permittee of the six (6) powerhouse boilers shall record and maintain records of the amount of each fuel combusted during each day. All records shall be maintained by the Permittee for a period of two (2) years following the date of such record.
- (b) To document compliance with Condition D.2.2, the Permittee shall maintain monthly records of the amount of each fuel combusted at the six (6) powerhouse boilers and plant-wide.

- (c) To document compliance with Condition D.2.5, the Permittee shall maintain records in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60.44c, the fuel oil sulfur limit applies at all times including periods of startup, shutdown, and malfunction.
- (1) Calendar dates covered in the compliance determination period;
 - (2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;
 - (3) To certify compliance when burning natural gas only, the Permittee shall maintain records of fuel used.

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

- (4) Fuel supplier certifications;
- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the No. 2 fuel oil.

The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.

- (d) To document compliance with Condition D.2.11, the Permittee shall maintain records of visible emission notations of the boiler stack exhaust once per shift when combusting No. 2 fuel oil.
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.13 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters - Notification Requirements [40 CFR 63, Subpart DDDDD]

- (a) Pursuant to 40 CFR 63.7545(a) and 40 CFR 63.7506(b), the Permittee shall submit an Initial Notification containing the information specified in 40 CFR 63.9(b)(2) no later March 12, 2004, as required by 40 CFR 63.7545(b).

- (b) The notification required by paragraph (a) 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

United States Environmental Protection Agency, Region V
Director, Air and Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

The notification requires the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

D.2.14 Reporting Requirements

- (a) A certification, signed by the responsible official, that certifies all of the fuels combusted during the period. The natural gas-fired boiler certification does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34);
- (b) The natural gas boiler certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported.
- (c) A quarterly summary of the information to document compliance with Conditions D.2.2 (a)(4)(A) and D.2.2(b)(1) through (4) shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.8

FACILITY OPERATION CONDITIONS

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

Plant #1

- (v) One (1) paint hospital (spot repair), installed in 1998, known as Emission Unit 11, equipped with manual spray applicators and dry filters to control PM overspray.
- (w) One (1) touch-up paint booth, installed in 1998, known as Emission Unit 13, equipped with manual spray applicators and dry filters to control PM overspray.

Plant #2

- (x) One (1) paint hospital (spot repair), installed in 2002, known as Emission Unit 22, equipped with manual spray applicators and dry filters to control PM overspray.

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

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

D.8.1 Prevention of Significant Deterioration (PSD) Best Available Control Technology (BACT) Limits [326 IAC 2-2]

- (a) Pursuant to 326 IAC 2-2, VOC content or amount from the two (2) paint hospitals, known as Emission Units 11 and 22, shall either not exceed:
 - (1) A daily volume weighted average VOC content of 4.8 pounds of VOC per gallon of coating (0.58 kilograms per liter) less water,
 - or
 - (2) A total of 0.73 tons of VOC per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) Pursuant to 326 IAC 2-2, VOC content from the one (1) touch-up paint booth, known as Emission Unit 13, shall not exceed 4.8 pounds of VOC per gallon of coating (0.58 kilograms per liter) less water.

D.8.2 Automobile and Light Duty Truck Coating Operations [326 IAC 8-2-2] [326 IAC 8-1-2]

Any change or modification that increases the potential to emit from either of the two (2) paint hospitals or the one (1) touch-up paint booth to greater than fifteen (15) pounds of VOC per day may render the requirements of 326 IAC 8-2-2 applicable and shall require prior IDEM, OAQ approval.

D.8.3 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to 40 CFR 52 Subpart P, the PM from the one (1) touch-up paint booth and two (2) paint hospitals shall not exceed the pound per hour emission rate established as E in the following formula:

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

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

D.8.4 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the one (1) touch-up paint booth and the two (2) paint hospitals, shall be controlled by dry particulate filters and the Permittee shall operate the control devices in accordance with manufacturer's specifications. This requirement to operate the control is not federally enforceable.

D.8.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the two (2) paint hospitals, known as Emission Units 11 and 22, and the one (1) touch-up paint booth, known as Emission Unit 13 and their control devices.

Compliance Determination Requirements

D.8.6 Volatile Organic Compounds (VOC) [326 IAC 8-1-4(a)(3)] [326 IAC 8-1-2(a)]

Compliance with the VOC content and usage limitations contained in Conditions D.8.1 and D.8.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.8.7 Volatile Organic Compounds (VOC) [326 IAC 8-1-2(a)(7)]

Pursuant to 326 IAC 8-1-2(a)(7), when volume weighted averaging of the coatings is used to determine compliance with the limitations set in Conditions D.8.1(a)(1) and (b) for the two (2) paint hospitals and the one (1) touch-up paint booth, the volume weighted average shall be determined by the following formula where n is the number of coatings (c):

$$\frac{\sum_{c=1}^n \text{coating } c \text{ (gal)} \times \text{VOC content of } c \text{ (lbs/gal, less water)}}{\sum_{c=1}^n \text{coating } c \text{ (gal)}}$$

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

D.8.8 Monitoring [326 IAC 2-2]

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stack while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed.

- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

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

D.8.9 Record Keeping Requirements

- (a) To document compliance with Condition D.8.1(a)(1) or (2), the Permittee shall maintain records in accordance with (1) and (2) below. Records maintained for (1) and (2) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC content or the VOC usage limits established in Condition D.8.1(a)(1) or (2). Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.
- (1) The amount of coating material solvents used at each of the two (2) paint hospitals on a daily basis if the Permittee elects to comply with Condition D.8.1(a)(1) or on a monthly basis if the Permittee elects to comply with Condition D.8.1(a)(2).
- (A) Records shall include, but not limited to, purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
- (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
- (2) The volume weighted average VOC content of the coatings used at each of the paint hospitals for each day if the Permittee elects to comply with Condition D.8.1(a)(1).
- (b) To document compliance with Conditions D.8.1(b) and D.8.2, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC usage limits and the VOC emission limits established in Conditions D.8.1(b) and D.8.2. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.
- (1) The VOC content of each coating material and solvent used.
- (2) The amount of coating material and solvent less water used on a monthly basis at the one (1) touch-up paint booth.
- (A) Records shall include, but not limited to, purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
- (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
- (3) The volume weighted average VOC content of the coatings used for each month at the one (1) touch-up paint booth;
- (4) The total VOC usage for each day at each of the two (2) paint hospitals as well as the one (1) touch-up paint booth; and
- (5) The weight of VOCs emitted for each compliance period at each of the two (2) paint hospitals as well as the one (1) touch-up paint booth.

D.8.10 Reporting Requirements

- (a) If the Permittee elects to document compliance with Condition D.8.1(a)(1) and in order to document compliance with Condition D.8.1(b), a usage summary of the information to document compliance shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34); or

- (b) If the Permittee elects to document compliance with Condition D.8.1(a)(2), a quarterly summary of the information to document compliance shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34)

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

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037

This form consists of 2 pages

Page 1 of 2

<p>9 This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none"><input type="checkbox"/> The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and<input type="checkbox"/> The Permittee must submit notice in writing or by facsimile within two (2) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

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

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

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

Page 2 of 2

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

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

A certification is not required for this report.

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

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

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037

<p>9 Natural Gas Only 9 Alternate Fuel burned From: _____ To: _____</p>

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

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

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037
Entire Source: Plant #1 and Plant #2
Parameter: VOC Emissions
Limit: Shall not exceed 3,309 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

YEAR:

Month	VOC Emissions (tons)	VOC Emissions (tons)	VOC Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037
Facilities: Six (6) Powerhouse Boilers (Emission Unit 2)
Parameter: No. 2 Fuel Oil Throughput
Limit: Shall not exceed 1,069,283 gallons of No. 2 fuel oil per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

YEAR:

Month	No. 2 Fuel Oil Throughput (gallons)	No. 2 Fuel Oil Throughput (gallons)	No. 2 Fuel Oil Throughput (gallons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
 Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
 Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
 Part 70 Permit No.: T 051-11646-00037
 Facilities: Natural gas and No. 2 Fuel Oil Combustion (non-process significant and insignificant, boilers and non-boilers, Emission Units 1 and 2)
 Parameter: PM Emissions
 Limit: Shall not exceed 36.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
 PM emissions (tons per year) = Plant-wide natural gas usage (MMCF/yr) * appropriate AP-42 emission factors + plant-wide No. 2 fuel oil usage (kgals/yr) * appropriate AP-42 emission factors

YEAR:

Moth	PM Emissions (tons)	PM Emissions (tons)	PM Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
 Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
 Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
 Part 70 Permit No.: T 051-11646-00037
 Facilities: Natural gas and No. 2 Fuel Oil Combustion (significant and insignificant, boilers and non-boilers, Emission Units 1 and 2)
 Parameter: NO_x Emissions
 Limit: Shall not exceed 565 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
 NO_x emissions (tons per year) = Plant-wide natural gas usage (MMCF/yr) * appropriate AP-42 emission factors + plant-wide No. 2 fuel oil usage (kgals/yr) * appropriate AP-42 emission factors

YEAR:

Month	NO _x Emissions (tons)	NO _x Emissions (tons)	NO _x Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
 Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
 Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
 Part 70 Permit No.: T 051-11646-00037
 Facilities: Natural gas Combustion (non-process significant and insignificant, boilers and non-boilers, Emission Units 1 and 2)
 Parameter: SO₂ Emissions
 Limit: Shall not exceed 4 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
 SO₂ emissions (tons per year) = Plant-wide natural gas usage (MMCF/yr) * appropriate AP-42 emission factors

YEAR:

Month	SO ₂ Emissions (tons)	SO ₂ Emissions (tons)	SO ₂ Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

- 9 No deviation occurred in this month.
- 9 Deviation/s occurred in this month.
 Deviation has been reported on: _____

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

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
 Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
 Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
 Part 70 Permit No.: T 051-11646-00037
 Facilities: Natural gas and No. 2 Fuel Oil Combustion (non-process significant and insignificant, boilers and non-boilers, Emission Units 1 and 2)
 Parameter: CO Emissions
 Limit: Shall not exceed 200 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
 CO emissions (tons per year) = Plant-wide natural gas usage (MMCF/yr) * appropriate AP-42 emission factors + plant-wide fuel oil usage (kgals/yr) * appropriate AP-42 emission factors

YEAR:

Month	CO Emissions (tons)	CO Emissions (tons)	CO Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

- 9 No deviation occurred in this month.
- 9 Deviation/s occurred in this month.
 Deviation has been reported on: _____

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

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
 Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
 Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
 Part 70 Permit No.: T 051-11646-00037
 Facilities: Plant-wide Plastic Parts Painting Operation (Emission Units 6b, 14, 15, 18, and 24)
 Parameter: VOC Emissions
 Limit: Shall not exceed 535 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month

YEAR:

Month	VOC Emissions (tons)	VOC Emissions (tons)	VOC Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

- 9 No deviation occurred in this month.
- 9 Deviation/s occurred in this month.
 Deviation has been reported on: _____

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

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037
Facilities: Plant-wide Miscellaneous Sealers and Adhesives (Emission Units 8 and 20)
Parameter: VOC Emissions
Limit: Shall not exceed 280 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

YEAR:

Month	VOC Emissions (tons)	VOC Emissions (tons)	VOC Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037
Facilities: Plant-wide Miscellaneous Sealers and Adhesives Operations (Emission Units 8 and 20)
Parameter: Volume Weighted Average VOC Usage
Limits: Shall not exceed 3.5 pounds of VOC per gallon of coating less water.

YEAR:

Volume Weighted Average VOC Usage (pounds of VOC per gallon of coating less water)	Volume Weighted Average VOC Usage (pounds of VOC per gallon of coating less water)	Volume Weighted Average VOC Usage (pounds of VOC per gallon of coating less water)
First Month of Quarter	Second Month of Quarter	Third Month of Quarter

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
 Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
 Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
 Part 70 Permit No.: T 051-11646-00037
 Facilities: Miscellaneous Cleaning Operations (Emission Units 10 and 21)
 Parameter: VOC usage after subtracting the amount recovered, recycled, shipped off site, or reused
 Limit: Shall not exceed 836.3 tons per twelve (12) consecutive month period, total, with compliance determined at the end of each month.

YEAR:

Month	VOC usage after subtracting the amount recovered, recycled, shipped off site, or reused (tons)	VOC usage after subtracting the amount recovered, recycled, shipped off site, or reused (tons)	VOC usage after subtracting the amount recovered, recycled, shipped off site, or reused (tons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Quarterly Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037
Facilities: Paint Hospitals (Emission Units 11 and 22)
Parameter: VOC Emissions
Limits: Shall not exceed a total of 0.73 tons of VOC per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR:

Month	VOC Emissions (tons)	VOC Emissions (tons)	VOC Emissions (tons)
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Usage Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
 Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
 Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
 Part 70 Permit No.: T 051-11646-00037
 Facilities: Repair Operations (Emission Units 11, 13, and 22)
 Parameter: Daily Weighted Average VOC Usage
 Limits: Shall not exceed 4.8 pounds of VOC per gallon (0.58 kilograms per liter) of coating less water.

Month: _____ Year: _____

Day	Daily Weighted Average VOC Usage for Emission Unit 11 (lbs/gal)	Daily Weighted Average VOC Usage for Emission Unit 13 (lbs/gal)	Daily Weighted Average VOC Usage for Emission Unit 22 (lbs/gal)	Day	Daily Weighted Average VOC Usage for Emission Unit 11 (lbs/gal)	Daily Weighted Average VOC Usage for Emission Unit 13 (lbs/gal)	Daily Weighted Average VOC Usage for Emission Unit 22 (lbs/gal)
1				17			
2				18			
3				19			
4				20			
5				21			
6				22			
7				23			
8				24			
9				25			
10				26			
11				27			
12				28			
13				29			
14				30			
15				31			
16				no. of deviations			

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

Part 70 Usage Report

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
 Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
 Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
 Part 70 Permit No.: T 051-11646-00037
 Facilities: Surface Coating Operations (Emission Units 5a, 5b, 5c, 6b, 14, 15, 17a, 17b, 17c, 18, 24, and 25b)
 Parameter: Actual VOC Content
 Limits: For ED (ED), 0.23 pounds of VOC/gallon of applied coating solids;
 For Primer Surfacer, 2.37 pounds of VOC per gallon of applied coating solids from guidecoats;
 For Topcoat - Plant #1, 8.20 pounds of VOC per gallon of applied coating solids;
 For Topcoat - Plant #2, 5.20 pounds of VOC per gallon of applied coating solids;
 For Plastic Bumper Primer, 50.3 pounds per gallon of applied coating solids;
 For Plastic Topcoat, 24.15 pounds per gallon of applied coating solids; and
 For Interior Parts, 49.13 pounds per gallon of applied coating solids.

Month: _____ Year: _____

Operation	Actual VOC Content (pounds of VOC/gallon applied coating solids)
ED	
Primer Surfacer (Guidecoat)	
Topcoat - Plant #1	
Topcoat - Plant #2	
Plastic Bumper Primer	
Plastic Topcoat	
Interior Parts	

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report.

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

**PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT**

Source Name: Toyota Motor Manufacturing, Indiana, Inc.
Source Address: 4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
Mailing Address: 25 Atlantic Avenue, Erlanger, Kentucky 41018-3188
Part 70 Permit No.: T 051-11646-00037

Months: _____ to _____ Year: _____

Page 1 of 2

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".	
<input checked="" type="radio"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input checked="" type="radio"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification by a responsible official to complete this report

Indiana Department of Environmental Management Office of Air Quality

Addendum to the Technical Support Document for a Significant Permit Modification to a Part 70 Operating Permit

Source Name:	Toyota Motor Manufacturing, Indiana, Inc.
Source Location:	4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
County:	Gibson County
Operation Permit No.:	T 051-11646-00037
Significant Permit Modification No.:	SPM 051-19456-00037
SIC Code:	3711
Permit Reviewer:	Michael S. Schaffer

On September 6, 2004, the Office of Air Quality (OAQ) had a notice published in the Daily Clarion, located in Princeton, Indiana, stating that Toyota Motor Manufacturing, Indiana, Inc. had applied for a Significant Permit Modification to a Part 70 Operating Permit to have the applicability of 326 IAC 8-2-2 to the two (2) paint hospitals and one (1) touch-up paint booth reanalyzed and to have Section D.8 of the Part 70 Operating Permit revised for clarification purposes. The notice also stated that OAQ proposed to issue a Significant Permit Modification and provided information on how the public could review the proposed Significant Permit Modification 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 Significant Permit Modification to a Part 70 Operating Permit should be issued as proposed.

Upon further review, the OAQ has decided to make the following changes to the Significant Permit Modification to a Part 70 Operating Permit: The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language is **bolded**):

Change 1:

The zip code for Erlanger, Kentucky should be "41018-3188" rather than the zip code "41019-3188" that is currently listed in the Part 70 Operating Permit. Therefore, as part of this modification, the zip code for Erlanger, Kentucky has been revised in Condition A.1 as well as every form in the Part 70 Operating Permit as follows:

Mailing Address: 25 Atlantic Avenue Erlanger, Kentucky 4101**9**8-3188

Change 2:

The final rule for 40 CFR 63, Subpart DDDDD was published in the *Federal Register* on September 13, 2004. The effective date of 40 CFR 63, Subpart DDDDD is November 12, 2004. Therefore, Conditions D.2.6, D.2.7(a), and D.2.13(a) have been revised as follows:

D.2.6 General Provisions Relating to NESHAP [326 IAC 20-1] [40 CFR Part 63, Subpart A]

The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the affected source, as designated by 40 CFR 63.7506(b). The Permittee must comply with these requirements on and after ~~the effective date of 40 CFR 63, Subpart DDDDD~~ **November 12, 2004**.

D.2.7 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR Part 63, Subpart DDDDD]

(a) The affected source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, (40 CFR 63, Subpart DDDDD), as of ~~the effective date of 40 CFR 63, Subpart DDDDD~~ **November 12, 2004**. Pursuant to this rule, the Permittee must comply with 40

CFR 63, Subpart DDDDD on and after **September 13, 2007** ~~three (3) years after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register.~~

D.2.13 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters - Notification Requirements [40 CFR 63, Subpart DDDDD]

- (a) Pursuant to 40 CFR 63.7545(a) and 40 CFR 63.7506(b), the Permittee shall submit an Initial Notification containing the information specified in 40 CFR 63.9(b)(2) ~~no later than 120 days after March 12, 2004 the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register,~~ as required by 40 CFR 63.7545(b).

Change 3:

As part of this modification, the language in the paragraph on Page 1 of the Quarterly Deviation and Compliance Monitoring Report in Part 70 Operating Permit has been revised as follows:

Page 1 of 2

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

Indiana Department of Environmental Management Office of Air Quality

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

Source Background and Description

Source Name:	Toyota Motor Manufacturing, Indiana, Inc.
Source Location:	4000 Tulip Tree Drive, Princeton, Indiana 47670-4000
County:	Gibson
SIC Code:	3711
Operation Permit No.:	T 051-11646-00037
Operation Permit Issuance Date:	May 7, 2004
Significant Permit Modification No.:	SPM 051-19456-00037
Permit Reviewer:	Michael S. Schaffer

The Office of Air Quality (OAQ) has reviewed a modification application from Toyota Motor Manufacturing, Indiana, Inc. relating to the operation of the following emission units and pollution control devices:

PLANT-WIDE COMBUSTION

- (a) Plant-wide natural gas combustion (non-boilers), known as Emission Unit 1, heat input capacity: 1,330.1 million British thermal units per hour, total (includes all natural gas combustion units that are insignificant activities).
- (b) Three (3) powerhouse boilers (Boilers #1 - #3), located in Building #501, known as Emission Unit 2, installed in 1998, combusting natural gas or No. 2 fuel oil, equipped with low NO_x burners for NO_x control, heat input capacity: 41.8 million British thermal units per hour, each.

REPAIR OPERATIONS

Plant #1

- (v) One (1) paint hospital (spot repair), installed in 1998, known as Emission Unit 11, equipped with manual spray applicators and dry filters to control PM overspray.
- (w) One (1) touch-up paint booth, installed in 1998, known as Emission Unit 13, equipped with manual spray applicators and dry filters to control PM overspray.

Plant #2

- (x) One (1) paint hospital (spot repair), installed in 2002, known as Emission Unit 22, equipped with manual spray applicators and dry filters to control PM overspray.

History

On June 10, 2004, Toyota Motor Manufacturing, Indiana, Inc. submitted an application to the OAQ requesting to reevaluate the applicability of 326 IAC 8-2-2 to the one (1) touch-up paint booth and two (2) paint hospitals.

In addition, on August 9, 2004, Toyota Motor Manufacturing, Indiana, Inc. agreed to incorporate the notification requirements of 40 CFR 63 Subpart IIII (NESHAP for Surface Coating of Automobiles and

Light Duty Trucks) and 40 CFR 63 Subpart DDDDD (NESHAP for Industrial, Commercial, and Institutional Boilers and Process Heaters) into this modification. NESHAP, Subpart IIII was published in the *Federal Register* on April 26, 2004 and the final rule for NESHAP, Subpart DDDDD was signed on February 26, 2004, but has not yet been published in the *Federal Register*. Toyota Motor Manufacturing, Indiana, Inc. was issued a Part 70 Operating Permit on May 7, 2004.

Existing Approval

The source has been operating under the following previous approvals including:

T 051-11646-00037, issued on May 7, 2004.

The following conditions have not been incorporated into this significant permit modification:

T 051-11646-00037, issued on May 7, 2004:

- (a) Condition C.22: The requirements for this source to submit Part 2 MACT Applications.

Reason not incorporated: Since it has been determined that this source is subject to the requirements of 40 CFR 63, Subparts IIII and DDDDD, the requirements for this source to submit Part 2 MACT Applications are no longer necessary.

- (b) Condition D.8.2: Pursuant to 326 IAC 8-2-2 (Automobile and Light Duty Truck Coating Operations), the volatile organic compound (VOC) content of coatings applied to automobile and light duty truck bodies, hoods, doors, cargo boxes, fenders, and grill openings in the two (2) paint hospitals, known as Emission Units 11 and 22, and the one (1) touch-up paint booth, known as Emission Unit 13, shall be limited to 4.8 pounds of VOC per gallon (0.58 kilograms per liter) less water, each.

Reason not incorporated: The source has demonstrated that the unrestricted potential to emit VOC from the two (2) paint hospitals, known as Emission Units 11 and 22 and the one (1) touch-up paint booth, known as Emission Unit 13, is each less than fifteen (15) pounds per day. Therefore, pursuant to 326 IAC 8-2-1(a)(4), the requirements of 326 IAC 8-2-2 are not applicable to the two (2) paint hospitals and one (1) touch-up paint booth.

Any change or modification that increases the potential VOC emissions from either of the two (2) paint hospitals or the one (1) touch-up paint booth to greater than fifteen (15) pounds per day may render the requirements of 326 IAC 8-2-2 applicable and will require prior IDEM, OAQ approval.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 Significant Permit Modification be approved. This recommendation is based on the following facts and conditions:

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 10, 2004, Additional information

was received on August 9, 2004.

Justification for Modification

The Part 70 Operating Permit is being modified through a Part 70 Significant Permit Modification. This modification is being performed pursuant to 326 IAC 2-7-12(d)(1) which states, "Significant modification procedures shall be used for applications requesting Part 70 permit modifications that do not qualify as minor permit modifications or as administrative amendments." Since the notification requirements of 40 CFR 63, Subpart IIII and 40 CFR 63, Subpart DDDDD will be included in this modification, pursuant to 326 IAC 2-7-12(b)(1)(B), this permit modification does not qualify as a minor permit modification.

County Attainment Status

The source is located in Gibson County.

Pollutant	Status
PM ₁₀	attainment
SO ₂	attainment
NO ₂	attainment
1-Hour Ozone	attainment
8-Hour Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to ozone. Gibson County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions will continued to be reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) Gibson County has been classified as attainment or unclassifiable in Indiana for PM₁₀, SO₂, NO₂, CO, and Lead. Therefore, these emissions will continue to be reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Federal Rule Applicability

All Federal Rules applicable to this source shall remain applicable unless otherwise specified by this document. Additional Federal Rule Applicability determinations are as follows:

- (a) There are no additional New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this source as a result of this proposed modification.
- (b) When T 051-11646-00037 was issued, the requirements of Section 112(j) of the Clean Air Act (40 CFR Part 63.50 through 63.56) were applicable to this source because the source was a major source of hazardous air pollutant (HAP) emissions (i.e., the source has the potential to

emit ten (10) tons per year or greater of a single HAP or twenty-five (25) tons per year or greater of a combination of HAPs).

The surface coating operations at this source are subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Automobile and Light Duty Truck Surface Coating, 40 CFR 63, Subpart IIII.

In addition, the three (3) powerhouse boilers, identified as Boilers #1 - #3, as well as any natural gas-fired process heaters with a rating of more than ten (10) million British thermal units per hour and an annual capacity factor greater than ten percent (10%), are subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63, Subpart DDDDD.

(1) The surface coating operations at this source consist of an existing affected source as defined by 40 CFR 63.3082 because Toyota Motor Manufacturing, Inc. commenced construction of this source prior to December 24, 2002.

(A) Since this source is an automobile and light duty truck assembly plant and only coats new automobile and light duty truck bodies and parts, pursuant to 40 CFR 63.3082(c), Toyota Motor Manufacturing, Indiana, Inc. has elected to make all of the plastic and miscellaneous metal surface coating operations at this source subject to requirements of 40 CFR 63, Subpart IIII, rather than the requirements of 40 CFR 63, Subpart MMMM and 40 CFR 63, Subpart PPPP.

(B) The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the affected source, except when otherwise specified by Table 2 to 40 CFR 63, Subpart IIII. The Permittee must comply with these requirements on and after April 26, 2007.

The website, <http://www.epa.gov/ttn/atw/auto/autopg.html>, provides a copy of the signed final rule.

(C) This rule has a future compliance date; therefore, the specific details of the rule and how the Permittee will demonstrate compliance are not provided in the permit. The Permittee shall submit an application for a Significant Permit Modification no later than July 26, 2006, that will provide a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard. At that time, IDEM, OAQ will include the specific details of the rule and how the Permittee will demonstrate compliance. In addition, pursuant to 40 CFR 63, Subpart IIII, the Permittee shall submit:

(i) The notifications in 40 CFR 63.7(b) and (c), 40 CFR 63.8(f)(4), and 40 CFR 63.9 (b) through (e) and (h), except as provided in 40 CFR 63.3110, paragraphs (b) and (c).

(ii) An Initial Notification no later than April 26, 2005. Existing sources that have previously submitted notifications of applicability of this rule pursuant to Section 112(j) of the CAA are not required to submit an initial notification under 40 CFR 63.9(b) except to identify and describe all additions to the affected source made pursuant to 40 CFR 63.3082.

- (iii) A notification of compliance status required by 40 CFR 63.9(h), no later than thirty (30) calendar days following the initial compliance period described in 40 CFR 63.3150. The notification of compliance status must contain the information specified in 40 CFR 63.3110(c), paragraphs (1) through (12) and any additional information specified in 40 CFR 63.9(h).
- (2) The three (3) powerhouse boilers, identified as Boilers #1 - #3, as well as any natural gas-fired process heater with a rating of more than ten (10) million British thermal units per hour and an annual capacity factor greater than ten percent (10%) comprises one (1) existing affected source for the large gaseous fuel subcategory and/or the large liquid fuel subcategory, as defined by 40 CFR 63.7506(b), because it meets the criteria in the definition in 40 CFR 63.7575 for the large gaseous fuel subcategory and/or for the large liquid fuel subcategory.

Note that Toyota Motor Manufacturing, Indiana, Inc. "commenced" construction of all natural gas-fired combustion units prior to January 13, 2003, except for the three (3) powerhouse boiler, identified as Boilers #4 - #6. Therefore, the three (3) powerhouse boilers, identified as Boilers #1 - #3 as well as any natural gas-fired process heater with a rating of more than ten (10) million British thermal units per hour and an annual capacity factor greater than ten percent (10%) pursuant to 40 CFR 63.7490(d), are not considered new boilers and/or new process heaters under 40 CFR 63, Subpart DDDDD.

In addition, since the Toyota Motor Manufacturing, Indiana, Inc. has not commenced the construction of the three (3) powerhouse boilers, identified Boilers #4 - #6, and thus, these three (3) will be considered a new affected source under 40 CFR 63, Subpart DDDDD. Since Toyota Motor Manufacturing, Indiana, Inc. has no intention of commencing the construction of Boilers #4 - #6 in the immediate future, Toyota Motor Manufacturing, Indiana shall notify IDEM, OAQ of three (3) boilers' construction commencement and shall apply for a Significant Permit Modification, pursuant to 326 IAC 2-7-12(d), prior to commencing construction. As a result, the requirements of 40 CFR 63, Subpart DDDDD for Boilers #4 - #6 will not be included in this Significant Permit Modification.

- (A) The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the affected source after the effective date of 40 CFR 63, Subpart DDDDD, except when otherwise specified in 40 CFR 63 Subpart DDDDD. This rule is not yet published in the *Federal Register*. A copy of the signed, final rule is available at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.
- (B) Pursuant to 40 CFR 63.7506(b), the only requirements that apply to the existing affected source for the large gaseous fuel subcategory and/or the large liquid fuel subcategory are the initial notification requirements in 40 CFR 63.9(b). The Permittee shall submit an Initial Notification containing the information specified in 40 CFR 63.9(b)(2) not later than 120 days after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the *Federal Register*, as required by 40 CFR 63.7545(b).

As a result the aforementioned paragraphs (b)(1) and (b)(2), the Part 2 MACT Application requirements in Condition C.22 of T 051-11646-00037, issued on May 7, 2004 will be deleted in this modification.

State Rule Applicability - Individual Facilities

All state rules applicable to this source shall remain applicable unless otherwise specified by this document. Additional State Rule Applicability determinations are as follows:

326 IAC 8-2-2 (Automobile and light duty truck coating operation)

(a) History

Based on Toyota's initial Part 70 Operating Permit application, submitted to IDEM, OAQ on December 10, 1999 and the supplemental application received by IDEM, OAQ, on November 21, 2000, the potential to emit VOC from the two (2) paint hospitals, constructed after July 1, 1991, was greater than fifteen (15) pounds per day each. In addition, pursuant to Condition D.2.1 of CP 051-9500-00037, issued on December 14, 1998, the one (1) touch-up booth, which was also constructed after July 1, 1991, had already been subject to the requirements of 326 IAC 8-2-2.

Toyota Motor Manufacturing, Indiana, Inc., never demonstrated that the actual emissions from the two (2) paint hospitals and one (1) touch-up paint booth were each less than fifteen (15) pounds of VOC per day. As a result, the two (2) paint hospitals and the one (1) touch-up paint booth were made subject to the VOC content limitations of 326 IAC 8-2-2 in Condition D.8.2 of T 051-11646-00037, issued on May 7, 1998.

(b) Request for reevaluation

Based on the information for the two (2) paint hospitals and one (1) touch-up paint booth received by IDEM, OAQ on August 9, 2004, Toyota Motor Manufacturing, Indiana, Inc. has now adequately demonstrated that the actual VOC emissions from the two (2) paint hospitals and one (1) touch-up paint booth, have never exceeded and will never exceed fifteen (15) pounds per day, each. As a result, pursuant to 326 IAC 8-2-1(a)(3), the requirements of 326 IAC 8-2-2 should not apply.

However, pursuant to 326 IAC 8-1-1(b), facilities that are subject to an enforceable permit shall continue to be subject that rule, unless the potential to emit from that facility is limited to less than fifteen (15) pounds of VOC per day. Since the potential to emit from the two (2) paint hospitals and one (1) touch-up paint booth are each considerably less than fifteen (15) pounds per day, the VOC content limitation in Condition D.8.2 of T 051-11646-00037 will be replaced in this modification with the following language:

"Any change or modification that increases the potential to emit from either of the two (2) paint hospitals or the one (1) touch-up paint booth to greater than fifteen (15) pounds of VOC per day may render the requirements of 326 IAC 8-2-2 applicable and shall require prior IDEM, OAQ approval."

In addition, pursuant to 326 IAC 8-1-1(c), as part of this modification, Toyota Motor Manufacturing, Indiana, Inc. shall be required to keep daily records of VOC usage from each of the two (2) paint hospitals as well the one (1) touch-up paint booth. These records will be required to document that the VOC emissions will continue to be less than fifteen (15) pounds per day from either of the two (2) paint hospitals as well as the one (1) touch-up paint booth.

Proposed Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new

language appears in **bold**):

Change 1:

The OAQ, I/M Billing Section listed in Condition B.23(c) is now known as the OAQ, Billing, Licensing, and Training Section. Therefore, Condition B.23(c) will be revised as follows:

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

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

Change 2:

In accordance with the credible evidence rule (62 Fed. Reg. 8314, Feb 24, 1997); Section 113(a) of the Clean Air Act, 42 U.S.C. Section 7413 (a); and a letter from the United States Environmental Protection Agency (USEPA) to IDEM, OAQ dated May, 18 2004, all permits must address the use of credible evidence; otherwise, USEPA will object to the permits. The following language will be incorporated into the permit to address credible evidence:

B.24 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.

Change 3:

The following revisions were made to Condition C.18 (Emission Statement Condition) to incorporate the revisions to 326 IAC 2-6 that became effective on March 27, 2004. The revised rule was published in the Indiana Register on April 1, 2004.

C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

- (a) ~~The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:~~ **Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:**

- (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
- (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(32) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.

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

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality

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

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

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

Change 4:

The source is subject to the requirements of 40 CFR 63, Subpart IIII, and 40 CFR 63, Subpart DDDDD. Therefore, Condition C.22, which is the requirement to submit a Part 2 MACT Application, is no longer necessary and will be deleted as follows:

~~Part 2 MACT Application Submittal Requirement~~

~~C.22 Application Requirements for Section 112(j) of the Clean Air Act [40 CFR 63.52(e)] [40 CFR 63.56(a)] [40 CFR 63.9(b)] [326 IAC 2-7-12]~~

-
- ~~(a) The Permittee shall submit a Part 2 MACT Application in accordance with 40 CFR 63.52(e)(1). The Part 2 MACT Application shall meet the requirements of 40 CFR 63.53(b).~~
- ~~(b) Notwithstanding paragraph (a), the Permittee is not required to submit a Part 2 MACT Application if the Permittee no longer meets the applicability criteria of 40 CFR 63.50 by the application deadline in 40 CFR 63.52(e)(1). For example, the Permittee would not have to submit a Part 2 MACT Application if, by the application deadline:~~
- ~~(1) The source is no longer a major source of hazardous air pollutants, as defined in 40 CFR 63.2;~~

~~(2) — The source no longer includes one or more units in an affected source category for which the U.S. EPA failed to promulgate an emission standard by May 15, 2002; or~~

~~(3) — The MACT standard or standards for the affected source categories included at the source are promulgated.~~

~~(c) — Notwithstanding paragraph (a), pursuant to 40 CFR 63.56(a), the Permittee shall comply with an applicable promulgated MACT standard in accordance with the schedule provided in the MACT standard if the MACT standard is promulgated prior to the Part 2 MACT Application deadline or prior to the issuance of permit with a case-by-case Section 112(j) MACT determination. The MACT requirements include the applicable General Provisions requirements of 40 CFR 63, Subpart A. Pursuant to 40 CFR 63.9(b), the Permittee shall submit an initial notification not later than 120 days after the effective date of the MACT, unless the MACT specifies otherwise. The initial notification 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~~

~~United States Environmental Protection Agency, Region V
Director, Air and Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604-3590~~

Change 5:

Since the surface coating operations at this source are subject to the requirements of 40 CFR 63, Subpart IIII, Conditions D.1.5, D.1.6, D.1.10 and D.1.11, have been added as follows:

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

D.1.5 General Provisions Relating to HAPs [326 IAC 20-1] [40 CFR Part 63, Subpart A] [Table 2 to 40 CFR Part 63, Subpart IIII] [40 CFR 63.3101]

(a) The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the affected source, except when otherwise specified by Table 2 to 40 CFR Part 63, Subpart IIII. The Permittee must comply with these requirements on and after April 26, 2007.

(b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

D.1.6 National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Automobiles and Light Duty Trucks [40 CFR 63, Subpart IIII] [40 CFR 63.3081] [40 CFR 63.3082] [40 CFR 63.3176]

(a) The provisions of 40 CFR Part 63, Subpart IIII (National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light Duty Trucks) apply to the affected source. A copy of this rule is available on the US EPA Air Toxics

Website at <http://www.epa.gov/ttn/atw/auto/autopg.html>. Pursuant to 40 CFR 63.3083(b), the Permittee must comply with these requirements on and after April 26, 2007.

- (b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.
- (c) The affected source is the collection of all of the items listed in 40 CFR 63.3082(b), paragraphs (1) through (4) that are used for surface coating of new automobile or new light-duty truck bodies or body parts for new automobiles or new light-duty trucks.
 - (1) All coatings operations as defined in 40 CFR 63.3176;
 - (2) All storage containers and mixing vessels in which coatings, thinners, and cleaning materials are stored or mixed;
 - (3) All manual and automated equipment and containers used for conveying coatings, thinners, and cleaning materials; and
 - (4) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.
- (d) Terminology used in this section are defined in the CAA, in 40 CFR Part 63, Section 63.2, and in 40 CFR 63.3176, and are applicable to the affected source.

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

D.1.10 Notification Requirements [40 CFR 63.3110]

- (a) **General.** The Permittee must the applicable notifications in 40 CFR Part 63, Sections 63.7(b) and (c) 63.8(f)(4), and 63.9(b) through (e) and (h) by the dates specified in those sections, except as provided in 40 CFR 63.3110, paragraphs (b) and (c).
- (b) **Initial Notification.** The Permittee must submit the initial notification no later than April 26, 2005. Existing sources that have previously submitted notifications of applicability of this rule pursuant to Section 112(j) of the CAA are not required to submit an initial notification under 40 CFR 63.9(b) except to identify and describe all additions to the affected source made pursuant to 40 CFR 63.3082(c).
- (c) **Notification of compliance status.** The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 20 days following the end of the initial compliance period described in 40 CFR 63.3160. The notification of compliance status must contain the information specified in 40 CFR 63.3110(c), paragraphs (1) through (12) and any additional information specified in 40 CFR 63.9(h).

D.1.11 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12] [326 IAC 2-7-5]

The Permittee shall submit an application for a significant permit modification to IDEM, OAQ to include information regarding which compliance option or options will be chosen in the Part 70 permit.

- (a) **The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Part 70 permit the applicable requirements of 40 CFR 63, Subpart IIII, a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.**
- (b) **The significant permit modification application shall be submitted no later than July 26, 2006.**
- (c) **The significant permit modification 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**

Change 6:

As a result of the changes to Section D.1, the existing conditions will be renumbered and thus, Condition D.1.7(b) (now Condition D.1.9(b)) will be revised as follows:

D.1.7 9 Record Keeping Requirements

- (b) To document compliance with Condition D.1.6 8, the Permittee shall keep records of the following on a quarterly basis:
 - (1) The monitoring site locations,
 - (2) The ozone ambient data,
 - (3) The NO_x data, and
 - (4) Meteorological parameters, i.e., wind direction, wind speed, and temperature.

Change 7:

Since the three (3) powerhouse boilers, known as Boilers #1 - #3 as well as any natural gas-fired process heaters with a rating greater than ten (10) million British thermal unit per hour and a capacity factor greater than ten percent (10%), are subject to the requirements of 40 CFR 63, Subpart DDDDD, Conditions D.2.6, D.2.7, and D.2.13 have been added as follows:

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

D.2.6 General Provisions Relating to NESHAP [326 IAC 20-1] [40 CFR Part 63, Subpart A]

The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the affected source, as designated by 40 CFR 63.7506(b). The Permittee must comply with these requirements on and after the effective date of 40 CFR 63, Subpart DDDDD.

D.2.7 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR Part 63, Subpart DDDDD]

- (a) **The affected source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process**

Heaters, (40 CFR 63, Subpart DDDDD), as of the effective date of 40 CFR 63, Subpart DDDDD. Pursuant to this rule, the Permittee must comply with 40 CFR 63, Subpart DDDDD on and after three (3) years after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register.

(b) The following emissions unit comprises the affected source for the large gaseous fuel and/or large liquid fuel subcategory:

(1) Any process heater with a rating greater than ten (10) million British thermal units per hour and a annual capacity factor greater than ten percent (10%) from the following equipment:

Plant-wide natural gas combustion (non-boilers), known as Emission Unit 1, heat input capacity: 1,330.1 million British thermal units per hour, total (includes all natural gas combustion units that are insignificant activities).

(2) Three (3) powerhouse boilers (Boilers #1 - #3), located in Building #501, known as Emission Unit 2, installed in 1998, combusting natural gas or No. 2 fuel oil, equipped with low NO_x burners for NO_x control, heat input capacity: 41.8 million British thermal units per hour, each.

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

D.2.13 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters - Notification Requirements [40 CFR 63, Subpart DDDDD]

(a) Pursuant to 40 CFR 63.7545(a) and 40 CFR 63.7506(b), the Permittee shall submit an Initial Notification containing the information specified in 40 CFR 63.9(b)(2) no later than 120 days after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register, as required by 40 CFR 63.7545(b).

(b) The notification required by paragraph (a) 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

**United States Environmental Protection Agency, Region V
Director, Air and Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604-3590**

The notification requires the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Change 8:

As a result of the changes to Section D.2, the existing conditions will be renumbered and thus, Condition D.2.12(d) (now Condition D.2.12(d)) will be revised as follows:

D.2.10 12 Record Keeping Requirements

- (d) To document compliance with Condition D.2.9 11, the Permittee shall maintain records of visible emission notations of the boiler stack exhaust once per shift when combusting No. 2 fuel oil.

Change 9:

Since the potential to emit from either of the two (2) paint hospitals as well as the one (1) touch-up paint booth is less than fifteen (15) pounds of VOC per day, respectively, Condition D.8.2 will be revised. As a result of the changes that will be made to Condition D.8.2, Conditions D.8.7 and D.8.9(a) and (b), will also be revised. In addition, the source has requested that Conditions D.8.1 and D.8.10 be revised for clarification purposes. The changes to Section D.8 will be as follows:

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

D.8.1 Prevention of Significant Deterioration (PSD) Best Available Control Technology (BACT) Limits [326 IAC 2-2]

- (a) Pursuant to 326 IAC 2-2, VOC content or amount from the two (2) paint hospitals, known as Emission Units 11 and 22, shall **either** not exceed:
- (1) A daily volume weighted average VOC content of 4.8 pounds of VOC per gallon of coating (0.58 kilograms per liter) less water,
 - or
 - (2) A total of 0.73 tons of VOC per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) Pursuant to 326 IAC 2-2, VOC content from the one (1) touch-up paint booth, known as Emission Unit 13, shall not exceed 4.8 pounds of VOC per gallon of coating (0.58 kilograms per liter) less water.

D.8.2 Automobile and Light Duty Truck Coating Operations [326 IAC 8-2-2] [326 IAC 8-1-2]

~~Pursuant to 326 IAC 8-2-2 (Automobile and Light Duty Truck Coating Operations), the volatile organic compound (VOC) content of coatings applied to automobile and light duty truck bodies, hoods, doors, cargo boxes, fenders, and grill openings in the two (2) paint hospitals, known as Emission Units 11 and 22, and the one (1) touch-up paint booth, known as Emission Unit 13, shall be limited to 4.8 pounds of VOC per gallon (0.58 kilograms per liter) less water, each.~~ **Any change or modification that increases the potential to emit from either of the two (2) paint hospitals or the one (1) touch-up paint booth to greater than fifteen (15) pounds of VOC per day may render the requirements of 326 IAC 8-2-2 applicable and shall require prior IDEM, OAQ approval.**

D.8.7 Volatile Organic Compounds (VOC) [326 IAC 8-1-2(a)(7)]

Pursuant to 326 IAC 8-1-2(a)(7), when volume weighted averaging of the coatings is used to determine compliance with the limitations set in Conditions D.8.1(a)(1) and (b) ~~D.8.2~~ for the two (2) paint hospitals and the one (1) touch-up paint booth, the volume weighted average shall be determined by the following formula where n is the number of coatings (c):

$$\frac{\sum_{c=1}^{c=n} \text{coating } c \text{ (gal)} \times \text{VOC content of } c \text{ (lbs/gal, less water)}}{\sum_{c=1}^{c=n} \text{coating } c \text{ (gal)}}$$

D.8.9 Record Keeping Requirements

(a) To document compliance with Condition D.8.1(a)(1) or (2) ~~Condition D.8.1(b)~~, the Permittee shall maintain records in accordance with (1) and (2) below. Records maintained for (1) ~~or~~ **and** (2) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC content or the VOC usage limits established in **Condition D.8.1(a)(1) or (2) ~~Condition D.8.1(b)~~**. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

(1) The amount of coating material solvents used **at each of the two (2) paint hospitals** on a daily **basis** ~~(if the Permittee elects to comply with Condition D.8.1(a)(1))~~ or on a monthly **basis** ~~(if the Permittee elects to comply with Condition D.8.1(b) (a)(2))~~ basis.

(A) Records shall include, but not limited to, purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

(B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.

(2) The volume weighted average VOC content of the coatings used **at each of the paint hospitals** for each day ~~(if the Permittee elects to comply with Condition D.8.1(a)(1))~~.

(b) To document compliance with Conditions **D.8.1(b) and D.8.2**, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC usage limits and the VOC emission limits established in Conditions **D.8.1(b) and D.8.2**. Records necessary to demonstrate compliance shall be available within thirty (30) days of the end of each compliance period.

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

(2) The amount of coating material and solvent less water used on a monthly basis **at the one (1) touch-up paint booth**.

(A) Records shall include, but not limited to, purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

- (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
- (3) The volume weighted average VOC content of the coatings used for each month **at the one (1) touch-up paint booth;**
- (4) The total VOC usage for each month **day at each of the two (2) paint hospitals as well as the one (1) touch-up paint booth;** and
- (5) The weight of VOCs emitted for each compliance period **at each of the two (2) paint hospitals as well as the one (1) touch-up paint booth.**

D.8.10 Reporting Requirements

- (a) **If the Permittee elects to document compliance with Condition D.8.1(a)(1) and in order to document compliance with Condition D.8.1(b),** Aa usage summary of the information to document compliance ~~with Condition D.8.1(a)~~ shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34); or
- (b) **If the Permittee elects to document compliance with Condition D.8.1(a)(2),** Aa quarterly summary of the information to document compliance ~~with Condition D.8.1(b)~~ shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34)

Conclusion

The operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Significant Permit Modification No. 051-19456-00037.