INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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*Mitchell E. Daniels, Jr.*
*Governor*

*Thomas W. Easterly*
*Commissioner*

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

TO: Interested Parties / Applicant

DATE: December 7, 2007

RE: Toyota Industrial Equipment Mfg. / 005-24998-00040

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

# Notice of Decision: Approval – Effective Immediately

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

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

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

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

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

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

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

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

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

Enclosures
FNTV-PMOD.doc12/3/07

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Indianapolis, Indiana 46204
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(800) 451-6027
www.idem.IN.gov

December 7, 2007

Mr. Dixon Churchill
Toyota Industrial Equipment Manufacturing, Inc.
5555 Inwood Drive
P.O. Box 2487
Columbus, IN 47202-2487

Re: 005-24998-00040
Minor Permit Modification to:
Part 70 Permit Renewal No.: T005-17756-00040

Dear Mr. Churchill:

Toyota Industrial Equipment Manufacturing, Inc. was issued Part 70 Operating Permit Renewal T005-17756-00040 on December 5, 2006 for the industrial truck manufacturing source located at 5555 Inwood Drive, Columbus, Indiana 47202. A letter requesting changes to this permit was received on July 5, 2007. Pursuant to the provisions of 326 IAC 2-7-12 a minor permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the addition of one (1) Repair Spray Booth, identified as U014, to the existing source. 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. For your convenience, the entire revised Title V Operating Permit, with all modifications and amendments will be provided upon approval.

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 Mehul Sura at the Indiana Department of Environmental Management, Office of Air Quality, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, IN 46204-2251, or by telephone at (317) 233-1782 or toll free at 1-800-451-6027 extension 3-1782.

Sincerely,

Origin signed by

Matthew Stuckey, Deputy Branch Chief
Permits Branch
Office of Air Quality

Attachments:
Technical Support Document (TSD)
Addendum to the Technical Support Document (ATSD)
Modified Permit

mns
cc: File - Bartholomew County
Bartholomew County Health Department
Air Compliance Section Inspector Vaughn Ison
Compliance Data Section
Administrative and Development

David Howard, Cornerstone Environmental, Health and Safety, Inc.

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# PART 70 OPERATING PERMIT RENEWAL
# OFFICE OF AIR QUALITY

## Toyota Industrial Equipment Manufacturing, Inc.
## 5555 Inwood Drive
## Columbus, Indiana 47202

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

| Operation Permit No.: T005-17756-00040 | |
|---|---|
| Original signed by: Nisha Sizemore, Chief<br>Permit Branch<br>Office of Air Quality | Issuance Date: December 5, 2006<br><br>Expiration Date: December 5, 2011 |

| First Minor Permit Modification No.: 005-24998-00040 | |
|---|---|
| Original signed by: Original signed by<br><br><br><br>Matthew Stuckey, Deputy Branch Chief<br>Permits Branch<br>Office of Air Quality | Issuance Date: December 7, 2007<br><br>Expiration Date: December 5, 2011 |

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

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

The Permittee owns and operates a stationary industrial lift truck manufacturing source.

| | |
|---|---|
| Source Address: | 5555 Inwood Drive, Columbus, IN 47202 |
| Mailing Address: | P.O. Box 2487, Columbus, IN 47202-2487 |
| General Source Phone Number: | (812)342-0060 |
| SIC Code: | 3537 |
| County Location: | Bartholomew |
| Source Location Status: | Attainment for all criteria pollutants |
| Source Status: | Part 70 Operating Permit Program<br>Minor Source, under PSD Rules<br>Minor Source, Section 112 of the Clean Air Act<br>Not 1 of 28 Source Categories |

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

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

(a) One (1) primer coat paint booth, identified as U001, constructed in 1989, equipped with a robotic spray system using air assisted airless, electrostatic spray guns and a horizontal water curtain with a downdraft water-floor followed by a demister as overspray control, exhausting to stacks S001a and S001b, capacity: 30.7 gallons and 327.9 pounds of coatings per hour.

(b) One (1) top coat paint booth, identified as U002, constructed in 1989, equipped with air-assisted airless, electrostatic spray guns and a horizontal water curtain with a downdraft water-floor followed by a demister as overspray control, exhausting to stacks S002a and S002b, capacity: 30.7 gallons and 327.9 pounds of coatings per hour.

(d) One (1) touch-up paint booth, identified as U004, constructed in 1989, equipped with air-assisted airless spray guns and dry filters as overspray control, exhausting to stack S004, capacity: 42.1 gallons and 443.8 pounds of coatings per hour.

(e) One (1) D-line paint booth, identified as U005, constructed in 1996, equipped with air-assisted airless spray guns and dry filters as overspray control, exhausting to stack S005a, capacity: 7.68 gallons and 82.0 pounds of coatings per hour.

(f) One (1) counter-weight paint line, identified as U013, constructed in 2006, consisting of:

(1) One (1) paint booth, identified as U013a, equipped with electrostatic air atomized spray guns and a dry filter as overspray control, exhausting through stack S013b, capacity: 15 gallons of coating per hour.

(2) One (1) paint booth, identified as U013b, equipped with electrostatic air atomized spray guns and a dry filter as overspray control, exhausting to stack S013d, capacity: 15 gallons of coating per hour.

(3) Three (3) infrared ovens, each exhausting to one (1) stack, S013a, S013c and S013e.

(g) One (1) large parts shot blast cabinet, identified as U009, constructed in 1989, exhausting to a cartridge dust collector (C009) and exiting inside the building, capacity: 132,000 pounds of steel shot per hour.

(h) One (1) steel shot blast unit, identified as U011, constructed in 1999, exhausting to a cartridge dust collector (C011) and exiting inside the building, capacity: 115,500 pounds of steel shot per hour.

(i) One (1) compressed natural gas (CNG) fueling station for the one (1) time filling of fork lift fuel tanks and the testing of the CNG forklift engines, maximum capacity: one thousand (1,000) forklift fuel tanks per twelve (12) consecutive month period, and heat input capacities no more than 0.521 million British thermal units per hour per engine.

(j) One (1) Repair Spray Booth**,** identified as U014, to be constructed in 2007, equipped with air-assisted airless spray guns and dry filters as over spray control, exhausting to stack S014, maximum coating usage: seven (7) gallons per hour (gal/hr).

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

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

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour. Emission units with a plant-wide total heat input capacity of 149.2 million British thermal units per hour, including two (2) boilers, constructed in 1989, rated at 0.75 million British thermal units per hour, each. [326 IAC 6-2-4]

(b) Other activities or categories with emissions equal to or less than the insignificant activity thresholds:

One hundred and ninety-four (194) metal inert gas (MIG) welding stations, each operated independently of the others, consisting of one hundred and sixty-seven (167) manual welders with a maximum machine capacity of 36.7 pounds of weld wire per hour, each, twenty-five (25) robotic welders with a maximum capacity of 26.2 pounds of weld wire per hour, each, and two (2) additional welders with a maximum capacity of 15.8 pounds per hour, each. [326 IAC 6-3-2]

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

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

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

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

## SECTION B GENERAL CONDITIONS

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

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

B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)][IC 13-15-3-6(a)]

(a) This permit, T005-17756-00040, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

and

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

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

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

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

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after

the emergency was discovered or reasonably should have been discovered;

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

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

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

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

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

(A) A description of the emergency;

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

(C) Corrective actions taken.

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

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

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

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

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9)be revised in response to an emergency.

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

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

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

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

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

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

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

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

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

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

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

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

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

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

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

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

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]

(a) All terms and conditions of permits established prior to**T**005-17756-00040 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised under 326 IAC 2-7-10.5, or

(3) deleted under 326 IAC 2-7-10.5.

(b) Provided that all terms and conditions are accurately reflected in this combined permit, all previous registrations and permits are superseded by this combined new source review and part 70 operating permit.

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

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

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

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

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

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

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

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

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

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

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

(1) That this permit contains a material mistake.

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

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

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

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

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

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

Request for renewal shall be submitted to:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(4) The Permittee notifies the:

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

and

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

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

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

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

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

notification shall include the following:

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

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

(3) Any change in emissions; and

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

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

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

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

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

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

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

B.22 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]

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

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

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

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

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

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

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

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee

seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

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

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

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

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

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

(a) The Permittee shall pay annual fees to IDEM, OAQ, 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.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

**SECTION C SOURCE OPERATION CONDITIONS**

Entire Source

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

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

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

C.2 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

C.6 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the plan submitted on March 16, 2006. The plan is included as Attachment A.

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

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

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

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

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

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

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

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

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

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

All required notifications shall be submitted to:

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

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

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to

use an Indiana Accredited Asbestos inspector is not federally enforceable.

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

C.9 Performance Testing [326 IAC 3-6]

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

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

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

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

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

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

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

C.10 Compliance Requirements [326 IAC 2-1.1-11]

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

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

C.11 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

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

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

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

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

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

C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

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

C.13 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.

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

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

C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on May 10, 1999.

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

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

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

C.16 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:

(1) initial inspection and evaluation

(2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or

(3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

(c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:

(1) monitoring results;

(2) review of operation and maintenance procedures and records; and/or

(3) inspection of the control device, associated capture system, and the process.

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

(e) The Permittee shall maintain the following records:

(1) monitoring data;

(2) monitor performance data, if applicable; and

(3) corrective actions taken.

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

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

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

The response action documents submitted pursuant to this condition 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(b)(3), starting in 2006 and every three (3) years thereafter, the Permittee shall submit by July 1 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
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

C.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 Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by 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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

(e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar

year" means the twelve (12) month period from January 1 to December 31 inclusive.

**Stratospheric Ozone Protection**

C.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.

## SECTION D.1 FACILITY OPERATION CONDITIONS

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

(a) One (1) primer coat paint booth, identified as U001, constructed in 1989, equipped with a robotic spray system using air assisted airless, electrostatic spray guns and a horizontal water curtain with a downdraft water-floor followed by a demister as overspray control, exhausting to stacks S001a and S001b, capacity: 30.7 gallons and 327.9 pounds of coatings per hour.

(b) One (1) top coat paint booth, identified as U002, constructed in 1989, equipped with air-assisted airless, electrostatic spray guns and a horizontal water curtain with a downdraft water-floor followed by a demister as overspray control, exhausting to stacks S002a and S002b, capacity: 30.7 gallons and 327.9 pounds of coatings per hour.

(d) One (1) touch-up paint booth, identified as U004, constructed in 1989, equipped with air-assisted airless spray guns and dry filters as overspray control, exhausting to stack S004, capacity: 42.1 gallons and 443.8 pounds of coatings per hour.

(e) One (1) D-line paint booth, identified as U005, constructed in 1996, equipped with air-assisted airless spray guns and dry filters as overspray control, exhausting to stack S005a, capacity: 7.68 gallons and 82.0 pounds of coatings per hour.

(f) One (1) counter-weight paint line, identified as U013, constructed in 2006, consisting of:

(1) One (1) paint booth, identified as U013a, equipped with electrostatic air atomized spray guns and a dry filter as overspray control, exhausting through stack S013b, capacity: 15 gallons of coating per hour.

(2) One (1) paint booth, identified as U013b, equipped with electrostatic air atomized spray guns and a dry filter as overspray control, exhausting to stack S013d, capacity: 15 gallons of coating per hour.

(3) Three (3) infrared ovens, each exhausting to one (1) stack, S013a, S013c and S013e.

(j) One (1) Repair Spray Booth**,** identified as U014, to be constructed in 2007, equipped with air-assisted airless spray guns and dry filters as over spray control, exhausting to stack S014, maximum coating usage: seven (7) gallons per hour (gal/hr).

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

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

D.1.1 Volatile Organic Compound (VOC) [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9, the Permittee shall not allow the discharge into the atmosphere VOC in excess of three and five-tenths (3.5) pounds of VOC per gallon of coating, excluding water, as delivered to the applicator.

D.1.2 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of six (6) surface coating facilities, identified as U001, U002, U004, U005, U013 and U014, during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

D.1.3 Particulate [326 IAC 6-3-2(d)] [326 IAC 2-2]

(a) Pursuant to 326 IAC 6-3-2(d), the horizontal water curtains with downdraft water-floors

followed by demisters for particulate control shall be operation in accordance with manufacturer's specifications and control emissions from the one (1) primer coat paint booth, identified as U001, and one (1) topcoat paint booth, identified as U002, at all times when the paint booths are in operation.

(b) Pursuant to 326 IAC 6-3-2(d), the dry filters for particulate control shall be operation in accordance with manufacturer's specifications and control emissions from the one (1) touch-up paint booth, identified as U004, one (1) D-Line paint booth, identified as U005, one (1) counter-weight paint line, identified as U013, and one (1) Repair Spray Booth**,** identified as U014, at all times when the paint booths are in operation.

Compliance with this condition, in conjunction with Condition D.2.2 and the potential PM and PM10 emissions from the insignificant activities, will limit PM and PM10 emissions, each, from the source to less than two hundred fifty (250) tons per year and renders 326 IAC 2-2, PSD not applicable.

D.1.4 PSD Minor Limit [326 IAC 2-2]

The surface coating facilities at this source (U001, U002, U004, U005, U013 and U014) shall use no more than 245 tons of VOC, total, including coatings, dilution solvents, and cleaning solvents, per twelve (12) consecutive month period, with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of VOC to less than 250 tons per year from the entire source.

Compliance with this condition, in conjunction with the potential to emit VOC from other emission units at the source, will limit the potential to emit of VOC to less than 250 tons per year from the entire source and renders 326 IAC 2-2, PSD not applicable.

D.1.5 HAPs Minor Limit

(a) The usage of each individual organic HAP at the six (6) surface coating facilities, identified as U001, U002, U004, U005, U013 and U014, shall not exceed 9.90 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

(b) The usage of total organic HAP at the six (6) surface coating facilities, identified as U001, U002, U004, U005, U013 and U014, shall not exceed 18.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this condition, in conjunction with Conditions D.2.3 and D.3.3, will limit each individual HAP and total HAP emissions from the source to less than ten (10) tons per year and twenty five (25) tons per year, respectively, and renders 40 CFR 63, Subpart MMMM not applicable.

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

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

**Compliance Determination Requirements**

D.1.7 Volatile Organic Compounds (VOC) [326 IAC 8-1-4] [326 IAC 8-1-2(a)]

Compliance with the VOC content and usage limitations contained in Conditions D.1.1 and D.1.4 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.

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

D.1.8 Monitoring [40 CFR 64] [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the dry filters and water curtains. To monitor the performance of the dry filters and water curtains, weekly observations shall be made of the overspray from the touch-up paint booth, primer coat paint booth, top coat paint booth, counter-weight paint booth and repair spray booth stacks while the booth exhausting to that stack is in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stacks and the presence of overspray on the rooftops and the nearby ground. When there is a noticeable change in overspray emissions, or when evidence of overspray emissions is observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

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

D.1.9 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1, D.1.4 and D.1.5, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC and HAP usage limits and the VOC content limit established in Conditions D.1.1, D.1.4 and D.1.5. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

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

(2) The amount of coating material and solvent less water used on a monthly basis.

(A) Records shall include 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, individual HAP, and total HAP usage for each month; and

(5) The weight of VOCs, individual HAPs and total HAPs emitted for each compliance period.

(b) To document compliance with Condition D.1.8, the Permittee shall maintain a log of weekly overspray observations, and daily and monthly inspections.

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

D.1.10 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.1.4 and D.1.5 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).

**SECTION D.2 FACILITY OPERATION CONDITIONS**

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

(g) One (1) large parts shot blast cabinet, identified as U009, constructed in 1989, exhausting to a cartridge dust collector (C009) and exiting inside the building, capacity: 132,000 pounds of steel shot per hour.

(h) One (1) steel shot blast unit, identified as U011, constructed in 1999, exhausting to a cartridge dust collector (C011) and exiting inside the building, capacity: 115,500 pounds of steel shot per hour.

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

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

D.2.1 Particulate [326 IAC 6-3-2]

(a) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the one (1) large parts shot blast cabinet, identified as U009, shall not exceed 47.2 pounds per hour, when operating at a process weight rate of 132,000 pounds (66.0 tons) per hour.

(b) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the one (1) steel shot blast unit, identified as U011, shall not exceed 45.9 pounds per hour, when operating at a process weight rate of 115,500 pounds (57.75 tons) per hour.

The pounds per hour limitations in (a) and (b) were calculated with the following equation:

Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

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

D.2.2 PSD Minor Limit [326 IAC 2-2]

(a) The PM and PM10 emissions from the one (1) large parts shot blast cabinet, identified as U009, shall not exceed 5.28 and 4.54 pounds per hour (lb/hr), respectively.

(b) The PM and PM10 emissions from the one (1) steel shot blast unit, identified as U011, shall not exceed 4.62 and 3.97 pounds per hour (lb/hr), respectively.

Compliance with this condition, in conjunction with Condition D.1.3 and the potential PM and PM10 emissions from the insignificant activities, will limit PM and PM10 emissions each from the source to less than two hundred fifty (250) tons per year and renders 326 IAC 2-2, PSD not applicable.

D.2.3 HAPs Minor Limit

(a) The emission of each individual metallic HAP from the one (1) large parts shot blast cabinet, identified as U009, shall not exceed 0.106 pounds per hour and the emissions of total metallic HAP shall not exceed 0.212 pounds per hour.

(b) The emission of each individual metallic HAP from the one (1) steel shot blast unit, identified as U011, shall not exceed 0.092 pounds per hour and the the emissions of total metallic HAP shall not exceed 0.184 pounds per hour.

Compliance with this condition, in conjunction with Conditions D.1.5 and D.3.3, will limit each individual HAP and total HAP emissions from the source to less than ten (10) tons per year and

twenty five (25) tons per year, respectively, and therefore the source will be a minor source of HAPs.

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

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

**Compliance Determination Requirements**

D.2.5 Particulate Control [326 IAC 2-7-6(6)]

(a) In order to comply with Conditions D.2.1, D.2.2 and D.2.3, the dust collector (C009) must be in operation at all times and control emissions from the one (1) large parts shot blast cabinet, identified as U009, at all times when U009 is in operation.

(b) In order to comply with Conditions D.2.1, D.2.2 and D.2.3, the dust collector (C011) must be in operation at all times and control emissions from the one (1) steel shot blast unit, identified as U011, at all times when U011 is in operation.

(c) In the event that filter failure is observed in a multi-compartment dust collector, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.2.6 Visible Emissions Notations

(a) Visible emission notations of the shot blaster exhausts shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

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

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

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

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.2.7 Dust Collector Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR 64]

(a) The Permittee shall record the pressure drop across the dust collectors used in conjunction with the two (2) shot blast units, identified as U009 and U011, at least once per day when the shot blast unit exhausting to that dust collector is in operation. When for any one reading, the pressure drop across the dust collector is outside the normal range of 1.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

(b) The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

D.2.8 Broken or Failed Dust Collector Detection

(a) For a single compartment dust collector controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

(b) For a single compartment dust collector controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Dust collector failure can be indicated by a significant drop in the dust collector's pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, or dust traces.

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

D.2.9 Record Keeping Requirements

(a) To document compliance with Condition D.2.6, the Permittee shall maintain records of visible emission notations of the dust collector stack exhausts once per day when exhausting to the atmosphere.

(b) To document compliance with Condition D.2.7, the Permittee shall maintain records once per day of the pressure drop during normal operation when the dust collector is in operation.

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

## SECTION D.3 FACILITY OPERATION CONDITIONS

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

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour. Emission units with a plant-wide total heat input capacity of 149.2 million British thermal units per hour, including two (2) boilers, constructed in 1989, rated at 0.75 million British thermal units per hour, each. [326 IAC 6-2-4]

(b) Other activities or categories with emissions equal to or less than the insignificant activity thresholds:

One hundred and ninety-four (194) metal inert gas (MIG) welding stations, each operated independently of the others, consisting of one hundred and sixty-seven (167) manual welders with a maximum machine capacity of 36.7 pounds of weld wire per hour, each, twenty-five (25) robotic welders with a maximum capacity of 26.2 pounds of weld wire per hour, each, and two (2) additional welders with a maximum capacity of 15.8 pounds per hour, each. [326 IAC 6-3-2]

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

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

D.3.1 Particulate [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4(a) (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from the two (2) 0.75 million British thermal units per hour heat input boilers shall be limited to 0.6 pounds per million British thermal units heat input, each.

D.3.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the welding operations, shall not exceed 9.32 pounds per hour.

The above limitation was calculated with the following equation:

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:

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

D.3.3 HAPs Minor Limit

The total weld wire and rod usage shall not exceed 20,000,000 pounds per twelve (12) consecutive month period, with compliance determined at the end of each month, the individual metallic HAP emissions shall not exceed 0.000318 pounds per pound of weld wire or rod used and the total metallic HAP emissions shall not exceed 0.000320 pounds per pound of weld wire or rod used.

Compliance with this condition, in conjunction with Conditions D.1.5 and D.2.3, will limit each individual HAP and total HAP emissions from the source to less than ten (10) tons per year and twenty five (25) tons per year, respectively, and therefore the source will be a minor source of HAPs.

D.3.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the welding operations.

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

D.3.5 Record Keeping Requirements

(a) To document compliance with Condition D.3.3, the Permittee shall maintain monthly records the amount of weld wire or rod used.

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

D.3.6 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.3.3 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 Industrial Equipment Manufacturing, Inc.
Source Address: 5555 Inwood Drive, Columbus, IN 47202
Mailing Address: P.O. Box 2487, Columbus, IN 47202-2487
Part 70 Permit No.: T 005-17756-00040

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify) _____

☐ Report (specify) _____

☐ Notification (specify) _____

☐ Affidavit (specify) _____

☐ Other (specify) _____

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

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

# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
# OFFICE OF AIR QUALITY

**COMPLIANCE BRANCH**
**100 North Senate Avenue**
**MC 61-53 IGCN 1003**
**Indianapolis, Indiana 46204-2251**
**Phone: 317-233-0178**
**Fax: 317-233-6865**

## PART 70 OPERATING PERMIT
## EMERGENCY OCCURRENCE REPORT

Source Name: Toyota Industrial Equipment Manufacturing, Inc.
Source Address: 5555 Inwood Drive, Columbus, IN 47202
Mailing Address: P.O. Box 2487, Columbus, IN 47202-2487
Part 70 Permit No.: T 005-17756-00040

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

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

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

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

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

| |
|---|
| Date/Time Emergency started: |
| Date/Time Emergency was corrected: |
| Was the facility being properly operated at the time of the emergency? Y N<br>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 Quarterly Report

Source Name: Toyota Industrial Equipment Manufacturing, Inc.
Source Address: 5555 Inwood Drive, Columbus, IN 47202
Mailing Address: P.O. Box 2487, Columbus, IN 47202-2487
Part 70 Permit No.: T 005-17756-00040
Facilities: Six (6) Surface Coating Processes (U001, U002, U004, U005, U013 & U014)
Parameter: VOC usage
Limit: 245 tons of VOC, total, including coatings, dilution solvents, and cleaning solvents, per twelve (12) consecutive month period, with compliance determined at the end of each month

YEAR: _____

| Month | VOC Usage (tons) | VOC Usage (tons) | VOC Usage (tons) |
|---|---|---|---|
| | This Month | Previous 11 Months | 12 Month Total |
| | | | |
| | | | |
| | | | |

☐ No deviation occurred in this month.

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

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

### Part 70 Quarterly Report

Source Name: Toyota Industrial Equipment Manufacturing, Inc.
Source Address: 5555 Inwood Drive, Columbus, IN 47202
Mailing Address: P.O. Box 2487, Columbus, IN 47202-2487
Part 70 Permit No.: T 005-17756-00040
Facilities: Six (6) Surface Coating Processes (U001, U002, U004, U005, U013 & U014)
Parameter: Individual HAP usage
Limit: 9.90 tons of each individual HAP, total, including coatings, dilution solvents, and cleaning solvents, per twelve (12) consecutive month period, with compliance determined at the end of each month

YEAR: _____

| Month | Individual HAP Usage (tons) | Individual HAP Usage (tons) | Individual HAP Usage (tons) |
|---|---|---|---|
| | This Month | Previous 11 Months | 12 Month Total |
| | | | |
| | | | |
| | | | |

☐ No deviation occurred in this month.

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

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

### Part 70 Quarterly Report

Source Name: Toyota Industrial Equipment Manufacturing, Inc.
Source Address: 5555 Inwood Drive, Columbus, IN 47202
Mailing Address: P.O. Box 2487, Columbus, IN 47202-2487
Part 70 Permit No.: T 005-17756-00040
Facilities: Six (6) Surface Coating Processes (U001, U002, U004, U005, U013 & U014)
Parameter: Total HAP usage
Limit: 18.0 tons of any combination of HAPs, total, including coatings, dilution solvents, and cleaning solvents, per twelve (12) consecutive month period, with compliance determined at the end of each month

YEAR: _____

| Month | Total HAPs Usage (tons) | Total HAPs Usage (tons) | Total HAPs Usage (tons) |
|---|---|---|---|
| | This Month | Previous 11 Months | 12 Month Total |
| | | | |
| | | | |
| | | | |

☐ No deviation occurred in this month.

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

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

### Part 70 Quarterly Report

Source Name: Toyota Industrial Equipment Manufacturing, Inc.
Source Address: 5555 Inwood Drive, Columbus, IN 47202
Mailing Address: P.O. Box 2487, Columbus, IN 47202-2487
Part 70 Permit No.: T 005-17756-00040
Facilities: Welding Operations
Parameter: Total weld wire and rod usage
Limit: 20,000,000 pounds per twelve (12) consecutive month period, with compliance determined at the end of each month

YEAR: _____

| Month | Total weld wire and rod usage (tons) | Total weld wire and rod usage (tons) | Total weld wire and rod usage (tons) |
|---|---|---|---|
| | This Month | Previous 11 Months | 12 Month Total |
| | | | |
| | | | |
| | | | |

☐ No deviation occurred in this month.

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

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

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

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

Source Name: Toyota Industrial Equipment Manufacturing, Inc.
Source Address: 5555 Inwood Drive, Columbus, IN 47202
Mailing Address: P.O. Box 2487, Columbus, IN 47202-2487
Part 70 Permit No.: T 005-17756-00040

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



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

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

# Indiana Department of Environmental Management
# Office of Air Quality

Addendum to the Technical Support Document (ATSD) for a
Part 70 Minor Permit Modification

## Source Description and Location

| | |
|---|---|
| **Source Name:** | Toyota Industrial Equipment Manufacturing, Inc. |
| **Source Location:** | 5555 Inwood Drive, Columbus, Indiana 47202 |
| **County:** | Bartholomew |
| **SIC Code:** | 3537 |
| **Operation Permit Renewal No.:** | T005-17756-00040 |
| **Operation Permit Renewal Issuance Date:** | December 5, 2006 |
| **Minor Permit Modification No.:** | 005-24998-00040 |
| **Permit Reviewer:** | Mehul Sura |

## Public Notice Information

On October 15, 2007, the Office of Air Quality (OAQ) had a notice published in the *The Republic*, Columbus, Indiana, stating that IDEM had received an application from Toyota Industrial Equipment Manufacturing, Inc. located at 5555 Inwood Drive, Columbus, Indiana 47202 for a Minor Permit Modification (MPM) to their Part 70 Operating Permit Renewal (T005-17756-00040) issued on December 5, 2006. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On November 1, 2007, Toyota Industrial Equipment Manufacturing, Inc. submitted comment on the proposed MPM which is listed below.

Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**.

Comment 1: The one (1) steel shot blast unit, identified as U012, has been retired from the existing source. Please remove this emission unit and its applicable requirements from the Part 70 Operating Permit Renewal No. T005-17756-00040.

Response 1: The one (1) steel shot blast unit, identified as U012 and its applicable requirements have been removed from the Part 70 Operating Permit Renewal.

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

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

. . .

~~(i) One (1) steel shot blast unit, identified as U012, constructed in 2004, exhausting to a cartridge dust collector (C012) and exiting inside the building, capacity: 56,500 pounds of steel shot per hour.~~

(~~j~~**i**) One (1) compressed natural gas (CNG) fueling station for the one (1) time filling of fork lift fuel tanks and the testing of the CNG forklift engines, maximum capacity: one thousand (1,000) forklift fuel tanks per twelve (12) consecutive month period, and heat input capacities no more than 0.521 million British thermal units per hour per engine.

(~~k~~**j**) One (1) Repair Spray Booth**,** identified as U014, to be constructed in 2007, equipped with air-assisted airless spray guns and dry filters as over spray control, exhausting to stack S014, maximum coating usage: seven (7) gallons per hour (gal/hr).

**SECTION D.2 FACILITY OPERATION CONDITIONS**

. . .

~~(i) One (1) steel shot blast unit, identified as U012, constructed in 2004, exhausting to a cartridge dust collector (C012) and exiting inside the building, capacity: 56,500 pounds of steel shot per hour.~~

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

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

D.2.1 Particulate [326 IAC 6-3-2]

. . .

~~(c) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the one (1) steel shot blast unit, identified as U012, shall not exceed 38.5 pounds per hour, when operating at a process weight rate of 56,500 pounds (28.25 tons) per hour.~~

. . .

~~The pounds per hour limitation in (c) was calculated with the following equation:~~

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

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

D.2.2 PSD Minor Limit [326 IAC 2-2]

. . .

~~(c) The PM and PM10 emissions from the one (1) steel shot blast unit, identified as U012, shall each not exceed 3.4 pounds per hour (lb/hr).~~

. . .

D.2.3 HAPs Minor Limit

. . .

~~(c) The emission of each individual metallic HAP from the one (1) steel shot blast unit, identified as U012, shall not exceed 0.005 pounds per hour and the emissions of total metallic HAP shall not exceed 0.009 pounds per hour.~~

. . .

**Compliance Determination Requirements**

D.2.5 Particulate Control [326 IAC 2-7-6(6)]

. . .

~~(c) In order to comply with Conditions D.2.1, D.2.2 and D.2.3, the dust collector (C012) must be in operation at all times and control emissions from the one (1) steel shot blast unit, identified as U012, at all times when U012 is in operation.~~

(~~d~~**c**) . . .

D.2.7 Dust Collector Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR 64]

(a) The Permittee shall record the pressure drop across the dust collectors used in conjunction with the ~~three~~**two** (~~3~~**2**) shot blast units, identified as U009~~,~~ **and** U011 ~~and U012~~, at least once per day when the shot blast unit exhausting to that dust collector is in operation. When for any one reading, the pressure drop across the dust collector is outside the normal range of 1.0 and 6.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

(b) . . .

# Indiana Department of Environmental Management
# Office of Air Quality

## Technical Support Document (TSD) for a Part 70 Minor Source and Minor Permit Modifications.

### Source Description and Location

| | |
|---|---|
| **Source Name:** | Toyota Industrial Equipment Manufacturing, Inc. |
| **Source Location:** | 5555 Inwood Drive, Columbus, Indiana 47202 |
| **County:** | Bartholomew |
| **SIC Code:** | 3537 |
| **Operation Permit Renewal No.:** | T005-17756-00040 |
| **Operation Permit Renewal Issuance Date:** | December 5, 2006 |
| **Minor Source Modification No.:** | 005-24996-00040 |
| **Minor Permit Modification No.:** | 005-24998-00040 |
| **Permit Reviewer:** | Mehul Sura |

### Existing Approvals

The source was issued Part 70 Operating Permit Renewal No. T005-17756-00040 on December 5, 2006. The source has not received any approvals after December 5, 2006.

### County Attainment Status

The source is located in Bartholomew County.

| Pollutant | Status |
|---|---|
| PM10 | attainment |
| PM2.5 | attainment |
| $SO_2$ | attainment |
| $NO_2$ | attainment |
| 8-hour Ozone | attainment |
| CO | attainment |
| Lead | attainment |

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

(b) Bartholomew County has been classified as attainment for PM2.5. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM2.5 emissions. Therefore, until the U.S.EPA adopts specific provisions for PSD review for PM2.5 emissions, it has directed states to regulate PM10 emissions as a surrogate for PM2.5 emissions.

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

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

determination of PSD applicability.

## Source Status

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

| Pollutant | Emissions (tons/year) |
|---|---|
| PM | less than 250 |
| PM10 | less than 250 |
| $SO_2$ | 0.392 |
| VOC | less than 250 |
| CO | 55.9 |
| $NO_x$ | 65.9 |

(a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).

(b) These emissions are based upon Part 70 Operating Permit Renewal No. T005-17756-00040.

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

| HAPs | Potential To Emit (tons/year) |
|---|---|
| Single HAP | less than 10 |
| Total HAP | less than 25 |

This existing source is not a major source of HAPs, as defined in 40 CFR 63.41, because HAPs emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

## Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2005 OAQ emission data.

| Pollutant | Actual Emissions (tons/year) |
|---|---|
| PM | not available |
| PM10 | 0 |
| $SO_2$ | 0 |
| VOC | 47 |
| CO | 3 |
| $NO_x$ | 4 |
| HAP | not available |

## Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a modification application, submitted by Toyota Industrial Equipment Manufacturing, Inc. on July 5, 2007, relating to the construction of a new spray paint booth (Repair Spray Booth). The following is the proposed emission unit and control

device:

One (1) Repair Spray Booth**,** identified as U014, approved for construction in 2007, equipped with air-assisted airless spray guns and dry filters as over spray control, exhausting to stack S014, maximum coating usage: seven (7) gallons per hour (gal/hr).

## Enforcement Issues

There are no pending enforcement actions related to this modification.

## Stack Summary

| Stack ID | Operation | Height (feet) | Diameter (feet) | Flow Rate (acfm) | Temperature ($^0$F) |
|---|---|---|---|---|---|
| S014 | Metal Coating | 38 | 3.5 | 24000 | 70 |

## Emission Calculations

See Appendix A of this document for detailed emission calculations.

## Permit Level Determination – Part 70

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

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

| Pollutant | Potential To Emit (tons/year) |
|---|---|
| PM | 60.96 |
| PM10 | 60.96 |
| $SO_2$ | - |
| VOC | 105.96 |
| CO | - |
| $NO_x$ | - |

| HAPs | Potential To Emit (tons/year) |
|---|---|
| Glycol Ether | 16.56 |
| TOTAL | 16.56 |

Pursuant to 326 IAC 2-7-10.5(d)(8), a modification that has potential to emit greater than twenty-five (25) tons per year of criteria pollutants can be approved as a minor source modification, if the modification adds an emission unit of the same type that are already permitted under the Part 70 Operating Permit and the proposed emission unit will comply with the same applicable requirements and permit terms and conditions as the existing emission units (except if the modification would result in a potential to emit greater than the thresholds as specified in 326 IAC 2-2).

The proposed modification at Toyota Industrial Equipment Manufacturing, Inc.(adding the Repair spray booth, identified as U014) has potential to emit greater than twenty-five (25) tons per year of

PM, PM10, and VOC. However, the Repair Spray Booth, identified as U014, is similar to existing paint booths (U001, U002, U004, U005 and U013) operating under Part 70 Operating Permit Renewal No. T005-17756-00040. The Repair Spray Booth, identified as U014, will comply with the same applicable requirements and permit terms and conditions as the existing paint booths. Additionally, the modification has potential to emit less than the thresholds as specified in 326 IAC 2-2. Therefore, this modification will be processed through a minor source modification, as pursuant to 326 IAC 2-7-10.5(d)(8).

This modification will be incorporated into the Part 70 Operating Permit Renewal through a minor permit modification issued pursuant to 326 IAC 2-7-12(b)(1), because the modification does not involve significant changes to existing monitoring, reporting, or record keeping requirements in Part 70 Operating Permit Renewal, and the modification does not qualify as administrative amendment under 326 IAC 2-7-11.

**Permit Level Determination – PSD**

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 permit modification, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

| | Potential to Emit (tons/year) | | | | | |
|---|---|---|---|---|---|---|
| **Process/Emission Unit** | **PM** | **PM10** | **$SO_2$** | **VOC** | **CO** | **$NO_X$** |
| Repair Spray Booth (U014) | 60.9 | 60.9 | – | 105.96 | – | – |
| Total for Modification | 60.9 | 60.9 | – | 105.96 | – | – |
| Total for Source Before Modification | 128 | 125 | 0.392 | <250 | 55.9 | 65.9 |
| Total for Source After Modification | 188.9 | 185.9 | 0.392 | <250 | 55.9 | 65.9 |
| Significant Level or Major Source Threshold | 250 | 250 | 250 | 250 | 250 | 250 |

Toyota Industrial Equipment Manufacturing, Inc. has unrestricted potential to emit VOC greater than two hundred fifty (250) tons per year after the addition of the Repair Spray Booth, identified as U014, which would cause Toyota Industrial Equipment Manufacturing, Inc. to become a major source under 362 IAC 2-2. However, Toyota Industrial Equipment Manufacturing, Inc. will continue to limit the VOC usage of the coating operations, including the one (1) proposed Repair Spray Booth, identified as U014, to 245 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with this VOC usage limit will ensure that the source wide potential to emit from Toyota Industrial Equipment Manufacturing, Inc. is less than two hundred fifty (250) tons of VOC per year and renders PSD not applicable.

**Federal Rule Applicability Determination**

The following federal rules are applicable to the source due to this modification:

(a) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included in this permit as a result of this modification.

Toyota Industrial Equipment Manufacturing, Inc. has the potential to emit 10 tons per year or more of a single hazardous air pollutant and 25 tons per year or more of any

combination of hazardous air pollutants, which would cause Toyota Industrial Equipment Manufacturing, Inc. to become major source under the General Provisions of 40 CFR Part 63. However, Toyota Industrial Equipment Manufacturing, Inc. will continue to limit the single hazardous air pollutants usage to less than 10 tons and combined hazardous air pollutants to less than 25 tons per twelve (12) consecutive month period at the coating operations, including the one (1) proposed Repair Spray Booth, identified as U014. Therefore NESHAP requirements are not applicable to this proposed modification.

(b) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) applicable to this proposed modification.

(c) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to new or modified emission units that involve a pollutant-specific emission unit and meet the following criteria:

(1) has a potential to emit before controls equal to or greater than the major source threshold for the pollutant involved;

(2) is subject to an emission limitation or standard for that pollutant; and

(3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The following table is used to identify the applicability of each of the criteria, under 40 CFR 64.1, to each new or modified emission unit involved:

| Emission Unit | Control Device Used | Emission Limitation (Y/N) | Uncontrolled PTE (tons/year) | Controlled PTE (tons/year) | Major Source Threshold (tons/year) | CAM Applicable (Y/N) | Large Unit (Y/N) |
|---|---|---|---|---|---|---|---|
| Repair Spray Booth (U014)-PM/PM10 | Dry filter | Y | 60.96 | 0.305 | 100 | N | N |
| Repair Spray Booth (U014)-VOC | None | Y | 105.96 | 105.96 | 100 | N | - |

Based on this evaluation, the requirements of 40 CFR Part 64, CAM are not applicable to the Repair Spray Booth, identified as U014, as part of this modification.

## State Rule Applicability Determination

The following state rules are applicable to the source due to the modification:

**326 IAC 2-2 (PSD)**
PSD applicability is discussed under the Permit Level Determination - PSD section.

**326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))**
The operation of the Repair Spray Booth, identified as U014, has the potential to emit greater than ten (10) tons per year of a single HAP and less than twenty-five (25) tons per year of total HAP. The applicant has agreed to limit the usage of each individual HAP to a level below ten (10) tons per year, and total HAP to a level below ten (25) tons per year from the entire source, with compliance determined at the end of each month. Therefore the source will be an area source of HAPs, and 326 IAC 2-4.1 will not apply.

**326 IAC 2-6 (Emission Reporting)**
Since this source is required to have an operating permit under 326 IAC 2-7, Part 70 Permit Program, this source is subject to 326 IAC 2-6 (Emission Reporting). In accordance with the compliance schedule in 326 IAC 2-6-3, an emission statement must be submitted triennially. The first report is due no later than July 1, 2006, and subsequent reports are due every three (3) years

thereafter. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

**326 IAC 8-2-9 (Miscellaneous Metal Coating)**
The Repair Spray Booth, identified as U014, is subject to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations) due to following reasons:

a) The Repair Spray Booth, identified as U014, does not qualify for an exemption under 326 IAC 8-1-1(b), because actual VOC emissions exceed fifteen (15) pounds per day.

b) The surface coating is performed on the metal parts or products which are classified under the Standard Industrial Classification (SIC) Code of major group #35.

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator at the Repair Spray Booth, identified as U014, shall be limited to 3.5 pounds of VOC per gallon of coating less water.

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

Based on the MSDS submitted by the source and calculations made, the Repair Spray Booth, identified as U014, can comply with this requirement.

**326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)**
Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate from the Repair Spray Booth, identified as U014, shall be controlled by a dry particulate filter, waterwash, or an equivalent control device, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

## Compliance Determination and Monitoring Requirements

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

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The Compliance Determination Requirements applicable to this modification are as follows:

(a) The Repair Spray Booth, identified as U014, has applicable compliance determination condition as specified below:

1) Compliance with the VOC content and usage limitations contained in Conditions D.1.1 and D.1.4 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM,

OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

The compliance monitoring requirements applicable to this modification are as follows:

The Repair Spray Booth, identified as U014 has applicable compliance monitoring conditions as specified below:

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the dry filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the repair spray booth stack (S014) while the booth exhausting to that stack is in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack (S014) and the presence of overspray on the rooftops and the nearby ground. When there is a noticeable change in overspray emissions, or when evidence of overspray emissions is observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

These monitoring conditions are necessary because the dry filters must operate properly in order to ensure compliance with 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes*)* and 326 IAC 2-7 (Part 70).

**Proposed Changes**

The changes listed below have been made to Part 70 Operating Permit Renewal No.T005-17756-00040. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

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Change 1: Mailing addresses are revised as shown in the following table.

| Branch or Section | Revised Address |
|---|---|
| Technical Support and Modeling Section | Indiana Department of Environmental Management<br>Technical Support and Modeling Section, Office of Air Quality<br>100 North Senate Avenue<br>**MC 61-50 IGCN 1003**<br>Indianapolis, Indiana 46204-2251 |
| Compliance Branch | Indiana Department of Environmental Management<br>Compliance Branch, Office of Air Quality<br>100 North Senate Avenue<br>**MC 61-53 IGCN 1003**<br>Indianapolis, Indiana 46204-2251 |
| Air Compliance Section | Indiana Department of Environmental Management<br>Air Compliance Section, Office of Air Quality<br>100 North Senate Avenue<br>**MC 61-53 IGCN 1003**<br>Indianapolis, Indiana 46204-2251 |
| Compliance Data Section | Indiana Department of Environmental Management<br>Compliance Data Section, Office of Air Quality<br>100 North Senate Avenue<br>**MC 61-53 IGCN 1003**<br>Indianapolis, Indiana 46204-2251 |
| Permits Branch | Indiana Department of Environmental Management<br>Permits Branch, Office of Air Quality<br>100 North Senate Avenue<br>**MC 61-53 IGCN 1003**<br>Indianapolis, Indiana 46204-2251 |
| Asbestos Section | Indiana Department of Environmental Management<br>Asbestos Section, Office of Air Quality<br>100 North Senate Avenue<br>**MC 61-52 IGCN 1003**<br>Indianapolis, Indiana 46204-2251 |

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Change 2: IDEM, OAQ no longer requires that the responsible official be listed in the permit, therefore, Condition A.1 has been revised to remove the reference to the responsible official. In addition, the source category has been added to the Source Status.

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 industrial lift truck manufacturing source.

| | |
|---|---|
| ~~Responsible Official:~~ | ~~Senior Vice President of Engineering, Quality & Administration~~ |
| Source Address: | 5555 Inwood Drive, Columbus, IN 47202 |
| Mailing Address: | P.O. Box 2487, Columbus, IN 47202-2487 |
| General Source Phone Number: | (812)342-0060 |
| SIC Code: | 3537 |

| | |
|---|---|
| County Location: | Bartholomew |
| Source Location Status: | Attainment for all criteria pollutants |
| Source Status: | Part 70 Operating Permit Program<br>Minor Source, under PSD Rules<br>Minor Source, Section 112 of the Clean Air Act<br>**Not 1 of 28 Source Categories** |

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Change 3: The Repair Spray Booth**,** identified as U014, has been added in Condition A.2.

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

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

. . .

**(k) One (1) Repair Spray Booth, identified as U014, approved for construction in 2007, equipped with air-assisted airless spray guns and dry filters as over spray control, exhausting to stack S014, maximum coating usage: seven (7) gallons per hour (gal/hr).**

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Change 4: Condition B.10 has been revised to include the time period within which the Permittee shall prepare and maintain the Preventive Maintenance Plan.

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

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

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

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

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

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

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

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

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

. . .

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Change 5: Rule citation [40 CFR 72] has been deleted from Condition B.18 because Toyota

Industrial Equipment Manufacturing, Inc. is not an affected source under the Acid Rain Program, pursuant to Title IV of the Clean Air Act.

B.18 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]~~[40 CFR 72]~~

. . .

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Change 6: The last sentence of Condition C.3 - Open Burning has been deleted because the open burning provision is now federally enforceable and is included in Indiana's State Implementation Plan (SIP).

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

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

---

Change 7: Paragraph (e) of Condition C.20 has been revised for clarity purpose.

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

. . .

(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
**MC 61-53 IGCN 1003**
Indianapolis, Indiana 46204-2251

. . .

(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, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

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Change 8: The Repair Spray Booth**,** identified as U014, has been added in Section D.1 and Condition D.1.2.

**SECTION D.1 FACILITY OPERATION CONDITIONS**

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

. . .

**(k) One (1) Repair Spray Booth, identified as U014, to be constructed in 2007, equipped with air-assisted airless spray guns and dry filters as over spray control, exhausting to stack S014, maximum coating usage: seven (7) gallons per hour (gal/hr).**

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

D.1.2 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of ~~five~~**six** (~~5~~**6**) surface coating ~~processes~~**facilities**, identified as U001, U002, U004, U005**,** ~~and~~ U013 **and U014**, during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

---

Change 9: The Repair Spray Booth**,** identified as U014, has been added in Condition D.1.3. Also, this condition has been revised for clarity purpose.

D.1.3 Particulate [326 IAC 6-3-2(d)] [326 IAC 2-2]

(a) Pursuant to 326 IAC 6-3-2(d), the horizontal water curtains with downdraft water-floors followed by demisters for particulate control shall be operation in accordance with manufacturer's specifications and control emissions from the one (1) primer coat paint booth, identified as U001, and one (1) topcoat paint booth, identified as U002, at all times when the paint booths are in operation.

(b) Pursuant to 326 IAC 6-3-2(d), the dry filters for particulate control shall be operation in accordance with manufacturer's specifications and control emissions from the one (1) touch-up paint booth, identified as U004, one (1) D-Line paint booth, identified as U005, ~~and~~ one (1) counter-weight paint line, identified as U013, **and one (1) Repair Spray Booth, identified as U014, at all times when the paint booths are in operation.** ~~This will limit the potential to emit PM and PM10 to 11.4 tons per year, each, from the coating operations (U001, U002, U004, U005 and U013).~~

~~This condition, in conjunction with Condition D.2.2, will make the source a minor source of PM and $PM_{10}$ pursuant to 326 IAC 2-2, PSD.~~

**Compliance with this condition, in conjunction with Condition D.2.2 and the potential PM and PM10 emissions from the insignificant activities, will limit PM and PM10 emissions, each, from the source to less than two hundred fifty (250) tons per year and renders 326 IAC 2-2, PSD not applicable.**

---

Change 10: The Repair Spray Booth**,** identified as U014, has been added in Condition D.1.4. Also, this condition has been revised for clarity purpose.

D.1.4 PSD Minor Limit [326 IAC 2-2]

~~Pursuant to T 005-7545-00040 issued on April 14, 1999, the~~ **The** surface coating facilities at this source (U001, U002, U004, U005, ~~&~~ U013 **and U014**) shall use no more than 245 tons of VOC, total, including coatings, dilution solvents, and cleaning solvents, per twelve (12) consecutive month period, with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of VOC to less than 250 tons per year from the entire source. ~~Compliance with this limit makes this source a minor source of VOC pursuant to 326 IAC 2-2, PSD.~~

**Compliance with this condition, in conjunction with the potential to emit VOC from other emission units at the source, will limit the potential to emit of VOC to less than 250 tons per year from the entire source and renders 326 IAC 2-2, PSD not applicable.**

---

Change 11: The Repair Spray Booth**,** identified as U014, has been added in Condition D.1.5.
This condition had a typographical error. Referenced condition number 'D.3.4' should be 'D.3.3' in the last statement of Condition D.1.5. This error has been corrected by replacing 'D.3.4' with 'D.3.3'. Also, this condition has been revised for clarity purpose.

D.1.5 HAPs Minor Limit

(a) The usage of each individual **organic** HAP at the ~~five~~**six** (~~5~~**6**) surface coating ~~processes~~**facilities**, identified as U001, U002, U004, U005**,** ~~and~~ U013 **and U014**, shall not exceed 9.90 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

(b) The usage of total **organic** HAP at the ~~five~~**six** (~~5~~**6**) surface coating ~~processes~~**facilities**, identified as U001, U002, U004, U005**,** ~~and~~ U013 **and U014**, shall not exceed 18.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

~~These limits, in conjunction with Conditions D.2.3 and D.3.4, will make the source an area source of HAPs.~~

**Compliance with this condition, in conjunction with Conditions D.2.3 and D.3.3, will limit each individual HAP and total HAP emissions from the source to less than ten (10) tons per year and twenty five (25) tons per year, respectively, and renders 40 CFR 63, Subpart MMMM not applicable.**

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Change 12: IDEM has determined that the dry filters of the Repair Spray Booth, identified as U014, shall be monitored on regular basis, in order to ensure compliance with 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes) and 326 IAC 2-7 (Part 70). These monitoring requirements are applicable to the Repair Spray Booth**,** identified as U014, as pursuant to 326 IAC 2-7-5(1) and 6(1).

D.1.8 Monitoring [40 CFR 64] **[326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]**

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the dry filters and water curtains. To monitor the performance of the dry filters and water curtains, weekly observations shall be made of the overspray from the touch-up paint booth, primer coat paint booth, top coat paint booth, ~~and~~ counter-weight paint booth **and repair spray booth** stacks while the booth exhausting to that stack is in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

(b) . . .

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Change 13: Condition D.2.1 had typographical errors. These errors have been corrected.

D.2.1 Particulate [326 IAC 6-3-2]

(a) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the one (1) large parts shot blast cabinet, identified as U009, shall not exceed 47.2 pounds per hour, when operating at a process weight rate of 132,000 pounds (66.0 tons) per hour.

(b) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the one (1) steel shot blast unit, identified as U011, shall not exceed 45.9 pounds per hour, when operating at a process weight rate of 115,500 pounds (57.75 tons) per hour.

(c) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the one (1) steel shot blast unit, identified as U012, shall not exceed 38.5 pounds per hour, when operating at a process weight rate of 56,500 pounds (28.25 tons) per hour.

The pounds per hour limitations in (a) and (b) were calculated with the following equation:

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

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

**Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:**

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

The pounds per hour limitation in (c) was calculated with the following equation:

~~Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:~~

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

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

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

---

Change 14: Condition D.2.2 and D.2.3 have been revised for clarity purpose.

D.2.2 PSD Minor Limit [326 IAC 2-2]

~~(a) The potential to emit PM from the one (1) large parts shot blast cabinet, identified as U009, shall not exceed 5.28 pounds per hour and the potential to emit $PM_{10}$ shall not exceed 4.54 pounds per hour.~~

~~(b) The potential to emit PM from the one (1) steel shot blast unit, identified as U011, shall not exceed 4.62 pounds per hour and the potential to emit $PM_{10}$ shall not exceed 3.97 pounds per hour.~~

~~(c) The potential to emit PM and $PM_{10}$ from the one (1) steel shot blast unit, identified as U012, shall not exceed 3.4 pounds per hour.~~

~~These limitations, in conjunction with Condition D.1.3, will make the source a minor source of PM and $PM_{10}$ pursuant to 326 IAC 2-2, PSD.~~

**(a) The PM and PM10 emissions from the one (1) large parts shot blast cabinet, identified as U009, shall not exceed 5.28 and 4.54 pounds per hour (lb/hr), respectively.**

**(b) The PM and PM10 emissions from the one (1) steel shot blast unit, identified as U011, shall not exceed 4.62 and 3.97 pounds per hour (lb/hr), respectively.**

**(c) The PM and PM10 emissions from the one (1) steel shot blast unit, identified as U012, shall each not exceed 3.4 pounds per hour (lb/hr).**

**Compliance with this condition, in conjunction with Condition D.1.3 and the potential PM and PM10 emissions from the insignificant activities, will limit PM and PM10 emissions each from the source to less than two hundred fifty (250) tons per year and renders 326 IAC 2-2, PSD not applicable.**

Change 15: Condition D.2.3 had a typographical error. Referenced condition number 'D.3.4' should be 'D.3.3' in the last statement of Condition D.2.3. This error has been corrected by replacing 'D.3.4' with 'D.3.3'. Also, this condition has been revised for clarity purpose.

D.2.3 HAPs Minor Limit

(a) ~~The potential to emit~~**The emission of** each individual **metallic** HAP from the one (1) large parts shot blast cabinet, identified as U009, shall not exceed 0.106 pounds per hour and the ~~potential to emit~~**emissions of** total ~~HAPs~~**metallic HAP** shall not exceed 0.212 pounds per hour.

(b) ~~The potential to emit~~ **The emission of** each individual **metallic** HAP from the one (1) steel shot blast unit, identified as U011, shall not exceed 0.092 pounds per hour and the ~~potential to emit~~**the emissions of** total ~~HAPs~~**metallic HAP** shall not exceed 0.184 pounds per hour.

(c) ~~The potential to emit~~**The emission of** each individual **metallic** HAP from the one (1) steel shot blast unit, identified as U012, shall not exceed 0.005 pounds per hour and the ~~potential to emit~~**emissions of** total ~~HAPs~~**metallic HAP** shall not exceed 0.009 pounds per hour.

~~These limits, in conjunction with Conditions D.1.5 and D.3.4, will make the source an area source of HAPs.~~

**Compliance with this condition, in conjunction with Conditions D.1.5 and D.3.3, will limit each individual HAP and total HAP emissions from the source to less than ten (10) tons per year and twenty five (25) tons per year, respectively, and therefore the source will be a minor source of HAPs.**

Change 16: The paragraph (b) of Condition D.2.9 has been revised for clarity purpose.

D.2.9 Record Keeping Requirements

. . .

(b) To document compliance with Condition D.2.7, the Permittee shall maintain records once per day of the pressure drop during normal operation when ~~venting to the atmosphere~~**the dust collector is in operation**.

. . .

Change 17: The last equation from Condition D.3.2 has been deleted because the process weight rate of the welding operations is less than 60,000 pound per hour. Also, Particulate Emission limit was not numerically stated in the condition. Therefore, Condition D.3.2 has been revised to include the numerical limit.

D.3.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the welding operations, shall not exceed **9.32 pounds per hour**~~the limitations calculated by the following:~~**.**

**The above limitation was calculated with the following equation:**

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:

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

~~or~~

~~Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:~~

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

---

Change 18: Conditiond. D.3.3 had a typographical error. Referenced condition number 'D.1.6' should be 'D.1.5' in the last statement of Condition D.3.3. This error has been corrected by replacing 'D.1.6' with 'D.1.5'. Also, this condition has been revised for clarity purpose.

D.3.3 HAPs Minor Limit

The total weld wire and rod usage shall not exceed 20,000,000 pounds per twelve (12) consecutive month period, with compliance determined at the end of each month, the individual **metallic** HAP emissions shall not exceed 0.000318 pounds per pound of weld wire or rod used and the total **metallic** HAP emissions shall not exceed 0.000320 pounds per pound of weld wire or rod used.

~~This limit, in conjunction with Conditions D.1.5 and D.2.3, will make the source an area source of HAPs~~

**Compliance with this condition, in conjunction with Conditions D.1.5 and D.2.3, will limit each individual HAP and total HAP emissions from the source to less than ten (10) tons per year and twenty five (25) tons per year, respectively, and therefore the source will be a minor source of HAPs.**

---

Change 19: The Repair Spray Booth, identified as U014, has been added in the following Part 70 Quarterly Report forms:
(a) VOC usage
(b) Total HAP usage
(c) Individual HAP usage

Also, 'Part 70 Operating Permit Emergency Occurrence Report' form had a typographical error. The facsimile number should be 317-233-6865, but it was listed as 317-233-6568. This error has been corrected.

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

**Part 70 Quarterly Report**

. . .

Facilities: ~~Five~~**Six** (~~5~~**6**) Surface Coating ~~Processes~~**Facilities** (U001, U002, U004, U005, ~~&~~ U013 **& U014**)
Parameter: VOC usage

. . .

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

**Part 70 Quarterly Report**

. . .

Facilities: ~~Five~~**Six** (~~5~~**6**) Surface Coating ~~Processes~~**Facilities** (U001, U002, U004, U005, ~~&~~ U013 **& U014**)

Parameter: Total HAP usage

. . .

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

**Part 70 Quarterly Report**

. . .

Facilities: ~~Five~~**Six** (~~5~~**6**) Surface Coating ~~Processes~~**Facilities** (U001, U002, U004, U005, ~~&~~ U013 **& U014**)
Parameter: Individual HAP usage

. . .

## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
## OFFICE OF AIR QUALITY
**COMPLIANCE BRANCH**
**100 North Senate Avenue**
**MC 61-53 IGCN 1003**
**Indianapolis, Indiana 46204-2251**
**Phone: 317-233-0178**
**Fax: ~~317-233-6568~~317-233-6865**

**PART 70 OPERATING PERMIT**
**EMERGENCY OCCURRENCE REPORT**

. . .

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

☐ This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
- The Permittee must submit notice in writing or by facsimile within two (**2**) working days (Facsimile Number: ~~317-233-6568~~**317-233-6865**), and follow the other requirements of 326 IAC 2-7-16.

. . .

**Conclusion and Recommendation**

The construction and operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Minor Source Modification No. 005-24996-00040 and Minor Permit Modification No. 005-24998-00040. The staff recommend to the Commissioner that this Part 70 Minor Source and Minor Permit Modification be approved.

**IDEM Contact**

Questions regarding this proposed permit can be directed to Mr. Mehul Sura at the Indiana Department of Environmental Management, Office of Air Quality, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, IN 46204-2251, or by telephone at (317) 233-1782 or toll free at 1-800-451-6027 extension 3-1782.

**Appendix A: Emissions Calculations**
**VOC and Particulate**
**From Surface Coating Operations**

**Company Name:** Toyota Industrial Equipment Manufacturing, Inc.
**Address City IN Zip:** 5555 Inwood Drive, Columbus, Indiana 47201
**Source Modification Number:** 005-24996-00040
**Permit Modification Number:** 005-24998-00040
**Reviewer:** Mehul Sura
**Date:** July 5, 2007

**Repair Spray Booth-U014**

| Material | Density (Lb/Gal) | Weight % Volatile (H20 & Organics) | Weight % Water | Weight % Organics | Volume % Water | Volume % Non-Volatiles (solids) | Gal of Mat. (gal/hr) | Maximum (unit/hour) | Pounds VOC per gallon of coating less water | Pounds VOC per gallon of coating | Potential VOC pounds per hour | Potential VOC pounds per day | Potential VOC tons per year | Particulate Potential (ton/yr) | lb VOC/gal solids | Transfer Efficiency |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Buff Primer (AXDA204) | 11.40 | 30.24% | 0.0% | 30.2% | 0.0% | 82.00% | 7.00000 | 15.000 | 3.45 | 3.45 | 24.13 | 579.16 | 105.70 | 60.96 | 4.20 | 75% |
| Black Top Coat (KAA0121) | 10.80 | 32.00% | 0.0% | 32.0% | 0.0% | 69.99% | 7.00000 | 15.000 | 3.46 | 3.46 | 24.19 | 580.61 | 105.96 | 56.29 | 4.94 | 75% |
| Grey Polyurethane Enamel (KAA0045) | 10.81 | 29.64% | 0.0% | 29.6% | 0.0% | 72.40% | 7.00000 | 15.000 | 3.20 | 3.20 | 22.43 | 538.29 | 98.24 | 58.30 | 4.43 | 75% |
| Orange Polyurethane Enamel (KAEA019) | 9.51 | 34.72% | 0.0% | 34.7% | 0.0% | 61.80% | 7.00000 | 15.000 | 3.30 | 3.30 | 23.11 | 554.71 | 101.24 | 47.59 | 5.34 | 75% |
| 65 AAAK474 - Black | 9.61 | 35.80% | 0.0% | 35.8% | 0.0% | 58.72% | 7.00000 | 15.000 | 3.44 | 3.44 | 24.08 | 577.98 | 105.48 | 47.29 | 5.86 | 75% |
| AXA0589 - Black | 9.06 | 37.10% | 0.0% | 37.1% | 0.0% | 54.28% | 7.00000 | 15.000 | 3.36 | 3.36 | 23.53 | 564.69 | 103.06 | 43.68 | 6.19 | 75% |
| AXA0588 - Gray | 9.07 | 37.60% | 0.0% | 37.6% | 0.0% | 53.87% | 7.00000 | 15.000 | 3.41 | 3.41 | 23.87 | 572.93 | 104.56 | 43.38 | 6.33 | 75% |
| AXE0039 - Orange | 9.58 | 34.10% | 0.0% | 34.1% | 0.0% | 60.13% | 7.00000 | 15.000 | 3.27 | 3.27 | 22.87 | 548.82 | 100.16 | 48.39 | 5.43 | 75% |

**State Potential Emissions** **Add worst case coating to all solvents** **24.19** **580.61** **105.96** **60.96**

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Mat. (gal/hr)
Potential VOC Pounds per Day = Potential VOC Pounds per Hour * (24 hr/day)
Potential VOC Tons per Year = Potential VOC Pounds per Hour * (8760 hr/yr) * (1 ton/2000 lbs)
Particulate Potential Tons per Year = Gal of Mat. (gal/hr) * Density (lb/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)
Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)

Total = Worst Coating + Sum of all solvents used
Sum of all solvent used is zero because solvent will not be used for paint dilution.

**Appendix A: Emission Calculations**
**HAP Emission Calculations**

**Company Name:** **Toyota Industrial Equipment Manufacturing, Inc.**
**Address City IN Zip:** **5555 Inwood Drive, Columbus, Indiana 47202**
**Source Modification Number:** **005-24996-00040**
**Permit Modification Number:** **005-24998-00040**
**Reviewer:** **Mehul Sura**
**Application Date:** **July 5, 2007**

| Repair Spray Booth-U014 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Material | Density (Lb/Gal) | Gallons of Material (gal/hr) | Weight % Glycol Ethers | Weight % Napthalene | Glycol Ether Emissions (ton/yr) | Napthalene Emissions (ton/yr) | Total Emissions (ton/yr) |
| Buff Primer (AXDA204) | 11.40 | 7.0 | 0.00% | 0.00% | 0.00 | 0.00 | 0.00 |
| Black Top Coat (KAA0121) | 10.80 | 7.0 | 5.00% | 0.00% | 16.56 | 0.00 | 16.56 |
| Grey Polyurethane Enamel (KAA0045) | 10.81 | 7.0 | 2.80% | 0.00% | 9.28 | 0.00 | 9.28 |
| Orange Polyurethane Enamel (KAEA019) | 9.51 | 7.0 | 3.70% | 0.00% | 10.79 | 0.00 | 10.79 |
| 65 AAAK474 - Black | 9.61 | 7.0 | 5.00% | 0.00% | 14.73 | 0.00 | 14.73 |
| AXA0589 - Black | 9.06 | 7.0 | 0.00% | 1.00% | 0.00 | 2.78 | 2.78 |
| AXA0588 - Gray | 9.07 | 7.0 | 0.00% | 1.00% | 0.00 | 2.78 | 2.78 |
| AXE0039 - Orange | 9.58 | 7.0 | 0.00% | 1.00% | 0.00 | 2.94 | 2.94 |

**METHODOLOGY**

The Glycol Ether is Ethylene Glycol Monobutyl Ether Acetate

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs

Gallons of material is based on the percentage of the material containing the HAP in the coating formulation.