



Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

August 12, 2004

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
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TO: Interested Parties / Applicant

RE: Visteon Systems, LLC / 041-17640-00004

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit 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 13-15-6-1(b) or IC 13-15-6-1(a) require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204.

For an **initial Title V Operating Permit**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **thirty (30)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(b).

For a **Title V Operating Permit renewal**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **fifteen (15)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(a).

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 an initial Title V operating permit, permit renewal, or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impracticable to raise such issues, or if the grounds for such objection arose after the comment period.

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

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

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



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PART 70 OPERATING PERMIT RENEWAL OFFICE OF AIR QUALITY

**Visteon Systems, LLC
4747 Western Avenue
Connersville, Indiana 47331**

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

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

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

Operation Permit No.: T041-17640-00004	
Issued by: Original signed by Janet McCabe Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: August 12, 2004 Expiration Date: August 12, 2009

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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 automotive parts manufacturing plant.

Responsible Official:	Plant Manager
Source Address:	4747 Western Avenue, Connersville, Indiana 47331
Mailing Address:	4747 Western Avenue, Connersville, Indiana 47331
General Source Phone Number:	(765) 827-7001
SIC Code:	3714
County Location:	Fayette
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

A.2 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) natural gas fired boiler (ID No. BLR2), constructed in 1953, rated at 37.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-D-2-2;
- (b) one (1) natural gas fired boiler (ID No. BLR4), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-F-2-3;
- (c) one (1) natural gas fired boiler (ID No. BLR5), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-G-2-4;
- (d) one (1) condenser paint spray booth (ID No. 2PNT), constructed in 1973, using an air atomization spray application system, using a maximum of 15.1 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through two (2) stacks, identified as G-22-1 and E-23-2;
- (e) one (1) maintenance paint spray booth (ID No. MAINTPAINT), constructed in 1998, using either an air assisted spray application system, a roller application system, or a brush application system, as well as paint spraying from various aerosol cans, using a maximum of 0.048 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through one (1) stack, identified as MAINTPAINT;
- (f) one (1) thermal de-oiler (De-oiler #1), constructed in 1998, processing a maximum of 6,000 pounds of metal parts per hour, using a maximum of 30 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 7.5 million (MM) British thermal units (Btu) per hour for control of volatile organic compounds (VOC), exhausting through two (2) stacks (DO1 and DO2);
- (g) one (1) thermal de-oiler (De-oiler #2), constructed in 1998, processing a maximum of 2,400 pounds of metal parts per hour, using a maximum of 66.1 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 2.3 MMBtu per hour for control of VOC, exhausting through one (1) stack (DO3);

- (h) one (1) thermal de-oiler (De-oiler #3), constructed in 2002, processing a maximum of 1,250 metal parts per hour, using a maximum of 17.62 pounds of oil per hour, equipped with a natural gas fired thermal incinerator for volatile organic compound (VOC) control. The thermal incinerator has a heat input rate of 5.5 million (MM) British thermal units (Btu) per hour;
- (i) one (1) metal part spray cleaning operation (ID No. SPCL), constructed in 1979, using a maximum of 0.19 gallons of solvent per hour;
- (j) one (1) compressor flushing and testing operation (ID No. FLUSH), constructed in 1979, using a maximum of 0.61 gallons of solvent per hour;
- (k) one (1) induction brazing operation (ID No. BRAZING), constructed in 1974, using a maximum of 2.3 pounds of brazing flux solvent per hour;
- (l) one (1) North Solder Line (ID No. SOLDER1), constructed in 1970, using a maximum of 14.5 pounds of solder flux solvent per hour;
- (m) one (1) South Solder Line (ID No. SOLDER2), constructed in 1970, using a maximum of 14.5 pounds of solder flux solvent per hour;
- (n) one (1) anodizing tank, constructed in 1999, utilizing a maximum of 15 pounds per hour of acid solution, with acid mist controlled by a fume scrubber; and
- (o) machining operations, constructed in 1999, with a maximum throughput of 1,965 pounds of parts per hour with five (5) oil mist collectors for controls (OMC Nos. 1 through 5). The operations consist of steel turning and grinding, scroll milling, scroll turning, and front and rear heads.

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 does not currently have any insignificant activities, as defined in 326 IAC 2-7-1 (21) that have applicable requirements.

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

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

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

- (a) The Permittee shall furnish to IDEM, OAQ within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

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

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

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

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

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

and

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 maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) The Permittee shall implement the PMPs, including any required record keeping as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ 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 PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.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: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

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

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

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

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

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(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 2-7 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (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 in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

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

- (b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ has issued the modification. [326 IAC 2-7-12(b)(8)]

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

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

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

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

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

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

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

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

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

Request for renewal shall be submitted to:

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

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

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

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

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

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

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]

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

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

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

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

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

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

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

B.18 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.19 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
 - (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

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

and

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

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and
 - (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(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 increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

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

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

B.21 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [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.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

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

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

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

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

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

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

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 [40 CFR 52 Subpart P][326 IAC 6-3-2]

- (a) Pursuant to 40 CFR 52 Subpart P, particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- (b) Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour. This condition is not federally enforceable.

C.2 Opacity [326 IAC 5-1]

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

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

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

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

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

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

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

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

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

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

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

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(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]

The Permittee shall comply with the applicable requirements of 326 IAC 14-10, 326 IAC 18, and 40 CFR 61.140.

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

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

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.

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

C.13 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 17, 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.14 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.15 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

- (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
- (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.
 - (4) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
- (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

- (e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

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- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, 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.17 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]

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- (a) Pursuant to 326 IAC 2-6-3(b)(2), starting in 2005 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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

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

C.18 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.19 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.20 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)]:

- (a) one (1) natural gas fired boiler (ID No. BLR2), constructed in 1953, rated at 37.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-D-2-2;
- (b) one (1) natural gas fired boiler (ID No. BLR4), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-F-2-3;
- (c) one (1) natural gas fired boiler (ID No. BLR5), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-G-2-4;

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

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

D.1.2 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters [40 CFR Part 63, Subpart DDDDD]

- (a) The affected source is subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters, (40 CFR 63, Subpart DDDDD), as of the effective date of 40 CFR 63, Subpart DDDDD. Pursuant to this rule, the Permittee must comply with 40 CFR 63, Subpart DDDDD on and after three years after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register.
- (b) The following emissions units comprise the affected source for the large gaseous fuel subcategory: One (1) 37.0 MMBtu natural gas fired boiler and two (2) 72.0 MMBtu natural gas fired boilers.
- (c) The definitions of 40 CFR 63, Subpart DDDDD at 40 CFR 63.7575 are applicable to the affected source.

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

Pursuant to 326 IAC 6-2-3 (Particulate Emission Limitations for Sources of Indirect Heating) the PM from each of the three (3) boilers (ID Nos. BLR2, BLR4 and BLR5) rated at 37, 72 and 72 MMBtu per hour, respectively, shall be limited to 0.3 pounds per MMBtu heat input.

This limitation is based on the following equation:

$$Pt = \frac{C \times a \times h}{76.5 \times Q^{0.75} \times N^{0.25}}$$

$$Pt = \frac{50 \times 0.67 \times 55}{76.5 \times 218^{0.75} \times 4^{0.25}} = 0.30 \text{ lb/MMBtu}$$

D.1.4 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 three (3) boilers.

Compliance Determination Requirements

D.1.5 Natural Gas

In order to demonstrate compliance with D.1.3, the source shall burn only natural gas.

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

D.1.6 National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters - Notification Requirements [40 CFR 63, Subpart DDDDD]

(a) Pursuant to 40 CFR 63.7545(a) and 40 CFR 63.7506(b), the Permittee shall submit an Initial Notification containing the information specified in 40 CFR 63.9(b)(2) not later than 120 days after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register, as required by 40 CFR.

(b) The notification required by paragraph (a) shall be submitted to:

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

and

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

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

D.1.7 Record Keeping Requirements

(a) To document compliance with Condition D.1.4, the Permittee shall maintain records of any additional inspections prescribed by the Preventive Maintenance Plan.

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

D.1.8 Reporting Requirements

The natural gas boiler certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or its equivalent, within thirty (30) days after the end of the six (6) month period being reported. The natural gas-fired boiler certification 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)]:

- (d) one (1) condenser paint spray booth (ID No. 2PNT), constructed in 1973, using an air atomization spray application system, using a maximum of 15.1 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through two (2) stacks, identified as G-22-1 and E-23-2;
- (e) one (1) maintenance paint spray booth (ID No. MAINTPAINT), constructed in 1998, using either an air assisted spray application system, a roller application system, or a brush application system, as well as paint spraying from various aerosol cans, using a maximum of 0.048 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through one (1) stack, identified as MAINTPAINT;

(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 General Provisions Relating to HAPs [326 IAC 20-1][40 CFR Part 63, Subpart A] [Table 2 to 40 CFR Part 63, Subpart M] [40 CFR 63.3901]

- (a) The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the affected source, except when otherwise specified by Table 2 to 40 CFR Part 63, Subpart M. The Permittee must comply with these requirements on and after the effective date of the National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.
- (b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

D.2.2 National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products [40 CFR Part 63, Subpart M] [40 CFR 63.3882] [40 CFR 63.3883] [40 CFR 63.3980]

- (a) The provisions of 40 CFR Part 63, Subpart M (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products) apply to the affected source. A copy of this rule is available on the US EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/misc/miscpg.html>. Pursuant to 40 CFR 63.3883(b), the Permittee must comply with these requirements on and after the date 3 years after the effective date of 40 CFR Part 63, Subpart M.
- (b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.
- (c) The affected source is the collection of all of the items listed in 40 CFR 63.3882, paragraphs (b)(1) through (4) that are used for surface coating of miscellaneous metal parts and products within each subcategory as defined in 40 CFR 63.3881(a), paragraphs (2) through (6).
 - (1) All coating operations as defined in 40 CFR 63.3981;

- (2) All storage containers and mixing vessels in which coatings, thinners and/or other additives, and cleaning materials are stored or mixed;
 - (3) All manual and automated equipment and containers used for conveying coatings, thinners and/or other additives, and cleaning materials; and
 - (4) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.
- (d) Terminology used in this section are defined in the CAA, in 40 CFR Part 63, Section 63.2, and in 40 CFR 63.3980, which are incorporated by reference.

D.2.3 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to Part 70 Operating Permit 041-6896-00004, issued on February 17, 1999 and 40 CFR 52 Subpart P, the PM from the two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) shall not exceed the pound per hour emission rate established as E in the following formula:

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

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

D.2.4 Particulate [326 IAC 6-3-2(d)]

Pursuant to Part 70 Operating Permit 041-6896-00004, issued on February 17, 1999 and 326 IAC 6-3-2(d), particulate from the two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) shall be controlled by a dry filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

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

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for each of the two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) and their respective control devices.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR Part 64]

D.2.6 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) stacks (GT-22-1, E-23-2 and MAINTPAINT) while the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
- (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
- (c) Additional inspections and preventive measures shall be performed as prescribed in the

Preventive Maintenance Plan.

Compliance with the above monitoring conditions shall also satisfy the requirements of 40 CFR 64, Compliance Assurance Monitoring for paint spray booth 2PNT.

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

D.2.7 Notification Requirements [40 CFR 63.3910]

- (a) General. The Permittee must submit the applicable notifications in 40 CFR Part 63, Sections 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) by the dates specified in those sections, except as provided in 40 CFR 63.3910, paragraphs (b) and (c).
- (b) Initial notification. The Permittee must submit the initial notification no later than 1 year after the effective date of 40 CFR Part 63, Subpart MMMM.
- (c) Notification of compliance status. The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR Part 63, Sections 63.3940, 63.3950, or 63.3960 that applies to the affected source. The notification of compliance status must contain the information specified in 40 CFR 63.3910(c), paragraphs (1) through (11) and any additional information specified in 40 CFR 63.9(h).

D.2.8 Record Keeping Requirements

- (a) To document compliance with Condition D.2.6, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.9 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12][326 IAC 2-7-5]

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

- (a) The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Title V permit the applicable requirements of 40 CFR 63, Subpart MMMM, a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.
- (b) The significant permit modification application shall be submitted no later than twenty-seven months after the effective date of 40 CFR 63, Subpart MMMM.
- (c) The significant permit modification application shall be submitted to:

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

SECTION D.3 FACILITY OPERATION CONDITIONS

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

- (f) one (1) thermal de-oiler (De-oiler #1), constructed in 1998, processing a maximum of 6,000 pounds of metal parts per hour, using a maximum of 30 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 7.5 million (MM) British thermal units (Btu) per hour for control of volatile organic compounds (VOC), exhausting through two (2) stacks (DO1 and DO2);
- (g) one (1) thermal de-oiler (De-oiler #2), constructed in 1998, processing a maximum of 2,400 pounds of metal parts per hour, using a maximum of 66.1 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 2.3 MMBtu per hour for control of VOC, exhausting through one (1) stack (DO3);
- (h) one (1) thermal de-oiler (De-oiler #3), constructed in 2002, processing a maximum of 1,250 metal parts per hour, using a maximum of 17.62 pounds of oil per hour, equipped with a natural gas fired thermal incinerator for volatile organic compound (VOC) control. The thermal incinerator has a heat input rate of 5.5 million (MM) British thermal units (Btu) 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.3.1 BACT Condition [326 IAC 8-1-6] [326 IAC 2-2]

- (a) Pursuant to 326 IAC 8-1-6 and CP-041-9441-00004, issued April 27, 1998, the thermal incinerators (rated at 7.5 MMBtu per hour and 2.3 MMBtu per hour, respectively) on each of the two (2) thermal de-oilers (De-oiler #1 and #2) shall be in operation at all times that each of the de-oilers is in operation. When operating, the thermal incinerators on De-oiler #1 and De-oiler #2 shall maintain minimum operating temperatures of 1,500° F and 1,560° F, respectively, and a gas residence time in the oxidizing zone for each incinerator of 1.0 second, or a temperature and gas residence time determined in the compliance tests (described in Condition D.3.3) to maintain at least 95% destruction of VOC captured and a capture efficiency of 100%.
- (b) Pursuant to 326 IAC 8-1-6 and Second Significant Permit Modification No.: 041-16488, issued on August 15, 2003, the thermal incinerator (rated at 5.5 MMBtu per hour) on the one (1) thermal de-oiler (De-oiler #3) shall be in operation at all times that the de-oiler is in operation. The thermal de-oiler shall use less than 77.18 tons of oil per 12 consecutive month period, with compliance determined at the end of each month. The VOC shall be limited to 0.82 pound of VOC/ pound of oil used. These limits are required to limit VOC emissions for the thermal de-oiler to less than 63.29 tons of VOC per 12 consecutive month period. VOC emissions from the thermal de-oiler shall be controlled using the thermal incinerator with a minimum overall VOC control efficiency (including capture and destruction efficiencies) of 95%. Compliance with the requirement shall also render 326 IAC 2-2 not applicable.

D.3.2 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 each thermal de-oiler (De-oiler #1, #2 and #3) and each of the thermal incinerators controlling VOC emissions.

Compliance Determination Requirements

D.3.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

- (a) The Permittee shall perform VOC testing on each of the two (2) thermal incinerators, controlling VOC emissions from the two (2) thermal de-oilers (De-oiler #1 and De-oiler #2), between May 2005 and November 2005, to demonstrate compliance with Condition D.3.1(a) utilizing methods as approved by the Commissioner.

This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

- (b) The Permittee shall perform VOC testing on Thermal De-oiler #3 within five years of the date of the most recent stack test to confirm the validity of the uncontrolled VOC emission factor of 0.82 pound of VOC emitted per pound of oil used, as well as the VOC control efficiency for the one (1) thermal incinerator, as required in Condition D.3.1(b), utilizing methods as approved by the Commissioner. These tests shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR Part 64]

D.3.4 Monitoring

- (a) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal incinerator for measuring operating temperature and residence time. The temperature output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan – Preparation, Implementation, Records and Reports whenever the three (3) hour average temperature of the thermal incinerator is below 1500°F and the gas residence time in the oxidizing zone for the incinerator is below 1.5 seconds. A three (3) hour average temperature that is below 1500°F and a gas residence time that is below 1.5 seconds are not deviations from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.
- (b) The Permittee shall determine the three (3) hour average temperature and the gas residence time from the most recent valid stack test that demonstrates compliance with limits in condition D.3.1, as approved by IDEM.
- (c) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports whenever the three (3) hour average temperature and gas residence time of the thermal incinerator are below the three (3) hour average temperature and gas residence time as observed during the compliant stack test. A three (3) hour average temperature and gas residence time that are below the three (3) hour average temperature and gas residence time as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.

Compliance with the above monitoring conditions shall also satisfy the requirements of 40 CFR 64, Compliance Assurance Monitoring for De-oiler #1.

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 Conditions D.3.1(a), the Permittee shall maintain records of the operating temperature and the gas residence time in the oxidizing zone for each of the two (2) thermal incinerators, controlling VOC emissions from the two (2) thermal de-oilers (De-oiler #1 and De-oiler #2).

- (b) To document compliance with Conditions D.3.1(b) and D.3.4, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC emission limits established in Condition D.3.1(b).
 - (1) The amount and VOC content of each de-oiling material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (2) The total VOC usage for each month;
 - (3) The continuous temperature records for the thermal incinerator and the temperature used to demonstrate compliance during the most recent compliance stack test.
 - (4) The gas residence time in the oxidizing zone for the thermal incinerator to demonstrate compliance during the most recent compliance stack test.

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

D.3.6 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.3.1(b) shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.4

FACILITY CONDITIONS

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

- (i) one (1) metal part spray cleaning operation (ID No. SPCL), constructed in 1979, using a maximum of 0.19 gallons of solvent per hour;
- (j) one (1) compressor flushing and testing operation (ID No. FLUSH), constructed in 1979, using a maximum of 0.61 gallons of solvent per hour;
- (k) one (1) induction brazing operation (ID No. BRAZING), constructed in 1974, using a maximum of 2.3 pounds of brazing flux solvent per hour;
- (l) one (1) North Solder Line (ID No. SOLDER1), constructed in 1970, using a maximum of 14.5 pounds of solder flux solvent per hour;
- (m) one (1) South Solder Line (ID No. SOLDER2), constructed in 1970, using a maximum of 14.5 pounds of solder flux solvent 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)]

There are no Emission Limitations and Standards applicable to these emission units.

SECTION D.5 FACILITY OPERATION CONDITIONS

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

- (n) one (1) anodizing tank, constructed in 1999, utilizing a maximum of 15 pounds per hour of acid solution, with acid mist controlled by a fume scrubber; and
- (o) machining operations, constructed in 1999, with a maximum throughput of 1,965 pounds of parts per hour with five (5) oil mist collectors for controls (OMC Nos. 1 through 5). The operations consist of steel turning and grinding, scroll milling, scroll turning, and front and rear heads.

(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.5.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes):

- (a) the allowable particulate emission rate from the anodizing tank shall not exceed 1.41 pounds per hour when operating at a process weight rate of 405 pounds per hour;
- (b) the allowable particulate emission rate from the machining operations shall not exceed 4.09 pounds per hour when operating at a process weight rate of 1,990 tons per hour.

The pounds per hour limitation was calculated using 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

Compliance Determination Requirements

D.5.2 Particulate Control

Pursuant to T041-6896-00004, issued on February 17, 1999, and in order to comply with D.6.1(a) and (b), respectively:

- (a) the scrubber for particulate control shall be in operation and control emissions from the anodizing tank at all times that the anodizing tank is in operation.
- (b) the oil mist eliminators for particulate control shall be in operation and control emissions from the machining operations at all times that the machining operations are in operation.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Visteon Systems, LLC
Source Address: 4747 Western Avenue, Connersville, Indiana 47331
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331
Part 70 Permit No.: T041-17640-00004

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

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

**PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT**

Source Name: Visteon Systems, LLC
Source Address: 4747 Western Avenue, Connersville, Indiana 47331
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331
Part 70 Permit No.: T041-17640-00004

This form consists of 2 pages

Page 1 of 2

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

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

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

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

Page 2 of 2

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

Form Completed by:

Title / Position:

Date:

Phone:

A certification is not required for this report.

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

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

Source Name: Visteon Systems, LLC
Source Address: 4747 Western Avenue, Connersville, Indiana 47331
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331
Part 70 Permit No.: T041-17640-00004

Natural Gas Only
 Alternate Fuel burned
From: _____ To: _____

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

Signature:

Printed Name:

Title/Position:

Phone:

Date:

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

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

Part 70 Quarterly Report

Source Name: Visteon Systems, LLC
Source Address: 4747 Western Avenue, Connersville, Indiana 47331
Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331
Part 70 Permit No.: T041-17640-00004
Facility: Thermal De-oiler #3
Parameter: VOC
Limit: The thermal de-oiler shall use less than 77.18 tons of oil per 12 consecutive month period, with compliance determined at the end of each month.

YEAR:

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

No deviation occurred in this quarter.

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

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

Attach a signed certification to complete this report.

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

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

Source Name: Visteon Systems, LLC
 Source Address: 4747 Western Avenue, Connersville, Indiana 47331
 Mailing Address: 4747 Western Avenue, Connersville, Indiana 47331
 Part 70 Permit No.: T041-17640-00004

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

Page 1 of 2

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

NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:

Duration of Deviation:

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

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

Form Completed By:

Title/Position:

Date:

Phone:

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Part 70 Operating Permit Renewal

Source Background and Description

Source Name:	Visteon Systems, LLC
Source Location:	4747 Western Avenue, Connersville, Indiana 47331
County:	Fayette
SIC Code:	3714
Operation Permit No.:	T041-6896-00004
Operation Permit Issuance Date:	February 17, 1999
Permit Renewal No.:	T041-17640-00004
Permit Reviewer:	Alic Bent/EVP

The Office of Air Quality (OAQ) has reviewed a Part 70 permit renewal application from Visteon Systems, LLC relating to the operation of an automotive parts manufacturing plant.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (a) one (1) natural gas fired boiler (ID No. BLR2), constructed in 1953, rated at 37.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-D-2-2;
- (b) one (1) natural gas fired boiler (ID No. BLR4), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-F-2-3;
- (c) one (1) natural gas fired boiler (ID No. BLR5), constructed in 1966, rated at 72.0 million (MM) British thermal units (Btu) per hour, exhausting through one (1) stack, identified as PH-G-2-4;
- (d) one (1) condenser paint spray booth (ID No. 2PNT), constructed in 1973, using an air atomization spray application system, using a maximum of 15.1 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through two (2) stacks, identified as G-22-1 and E-23-2;
- (e) one (1) maintenance paint spray booth (ID No. MAINTPAINT), constructed in 1998, using either an air assisted spray application system, a roller application system, or a brush application system, as well as paint spraying from various aerosol cans, using a maximum of 0.048 gallons of coating per hour, using dry filters for particulate matter overspray control, and exhausting through one (1) stack, identified as MAINTPAINT;
- (f) one (1) thermal de-oiler (De-oiler #1), constructed in 1998, processing a maximum of 6,000 pounds of metal parts per hour, using a maximum of 30 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 7.5 million (MM) British thermal units (Btu) per hour for control of volatile organic compounds (VOC), exhausting through two (2) stacks (DO1 and DO2);
- (g) one (1) thermal de-oiler (De-oiler #2), constructed in 1998, processing a maximum of 2,400 pounds of metal parts per hour, using a maximum of 66.1 pounds of oil per hour, with a thermal incinerator using natural gas as supplementary fuel at a heat input rate of 2.3 MMBtu per hour for control of VOC, exhausting through one (1) stack (DO3);

- (h) one (1) thermal de-oiler (De-oiler #3), constructed in 2002, processing a maximum of 1,250 metal parts per hour, using a maximum of 17.62 pounds of oil per hour, equipped with a natural gas fired thermal incinerator for volatile organic compound (VOC) control. The thermal incinerator has a heat input rate of 5.5 million (MM) British thermal units (Btu) per hour;
- (i) one (1) metal part spray cleaning operation (ID No. SPCL), constructed in 1979, using a maximum of 0.19 gallons of solvent per hour;
- (j) one (1) compressor flushing and testing operation (ID No. FLUSH), constructed in 1979, using a maximum of 0.61 gallons of solvent per hour;
- (k) one (1) induction brazing operation (ID No. BRAZING), constructed in 1974, using a maximum of 2.3 pounds of brazing flux solvent per hour;
- (l) one (1) North Solder Line (ID No. SOLDER1), constructed in 1970, using a maximum of 14.5 pounds of solder flux solvent per hour;
- (m) one (1) South Solder Line (ID No. SOLDER2), constructed in 1970, using a maximum of 14.5 pounds of solder flux solvent per hour;
- (n) one (1) anodizing tank, constructed in 1999, utilizing a maximum of 15 pounds per hour of acid solution, with acid mist controlled by a fume scrubber; and
- (o) machining operations, constructed in 1999, with a maximum throughput of 1,965 pounds of parts per hour with five (5) oil mist collectors for controls (OMC Nos. 1 through 5). The operations consist of steel turning and grinding, scroll milling, scroll turning, and front and rear heads.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) natural gas fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour (one (1) Ace model 230-RKG multiple chambered cleaning oven);
- (b) a gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;
- (c) a petroleum fuel, other than gasoline, dispensing facility having a storage capacity less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month;
- (d) vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;
- (e) application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings;
- (f) machining where an aqueous cutting coolant continuously floods the machining interface;
- (g) degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6, constructed prior to 1980;
- (h) cleaners and solvents characterized as follows:
 - (1) having a vapor pressure equal to or less than 2 kPa; 15 mm Hg; or 0.3 psi measured at 38 degrees C (100°F) or;
 - (2) having a vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20°C (68°F);the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months;
- (i) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;
- (j) closed loop heating and cooling systems;

- (k) activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume;
- (l) any operation using aqueous solutions containing less than 1% by weight of VOCs excluding HAPs;
- (m) noncontact cooling tower systems with a forced and induced draft cooling tower system not regulated under a NESHAP;
- (n) heat exchanger cleaning and repair;
- (o) paved and unpaved roads and parking lots with public access;
- (p) underground conveyors;
- (q) asbestos abatement projects regulated by 326 IAC 14-10;
- (r) purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process;
- (s) equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment;
- (t) Blowdown for any of the following: sight glass, boiler, compressors, pumps, and cooling tower;
- (u) on-site fire and emergency response training approved by the department;
- (v) diesel generators not exceeding 1600 horsepower;
- (w) a laboratory as defined in 326 IAC 2-7-1(20)(C);
- (x) individual machining operations that use cutting oil;
- (y) two (2) air stripping towers, each capable of processing 700 gallons of water per minute, used to remove trichloroethylene from the source's wastewater;
- (z) Induction Hardening Line, constructed in 1999, with a maximum averaged throughput of 147 pounds of parts per hour (based on a batch weight of 880 pounds) consisting of the following units:
 - (1) two (2) natural gas fired furnaces designated TQ-13-G Nos. 1 and 2, each with a maximum heat input rate of 0.75 MMBtu per hour;
 - (2) one (1) Endothermic Gas Generator fired by natural gas at a maximum heat input rate of 0.25 MMBtu per hour;
 - (3) two (2) oil quenching tanks utilizing 0.5 pounds of oil per hour;
 - (4) one (1) Spray-Dunk parts washer, designated WRD-13, fired by natural gas at a maximum heat input rate of 0.50 MMBtu per hour and utilizing 30 pounds of wash solution per hour; and
 - (5) two (2) natural gas fired tempering furnaces designated DL-13-G Nos. 1 and 2, each with a maximum heat input rate of 0.65 MMBtu per hour;
- (aa) one (1) Anodizing Line Dryer fired by natural gas at a maximum heat input rate of 0.30 MMBtu per hour ; and
- (bb) two (2) Air Makeup Units, Nos. 1 and 2, fired by natural gas at a maximum heat input rate of 4.7 MMBtu per hour, each.

Existing Approvals

The source has constructed or has been operating under the following previous approvals:

- (a) Part 70 Operating Permit 041-6896-00004, issued on February 17, 1999;
- (b) First Significant Source Modification No.: 041-10295, issued on March 15, 1999;
- (c) First Administrative Amendment No.: 041-10719, issued on April 10, 1999;
- (d) Second Administrative Amendment No.: 041-11046, issued on August 5, 1999;
- (e) First Minor Source Modification No.: 041-11582, issued on March 13, 2000;

- (f) First Minor Permit Modification No.: 041-12053, issued on May 25, 2000;
- (g) Third Administrative Amendment No.: 041-12419, issued on October 2, 2000;
- (h) Second Significant Source Modification No.: 041-14742, issued on December 26, 2001;
- (i) First Reopening No.: 041-13288, issued on January 3, 2002;
- (j) First Significant Permit Modification No.: 041-14961, issued on January 10, 2002; and
- (k) Second Significant Permit Modification No.: 041-16488, issued on August 15, 2003.

All conditions from previous approvals were incorporated into this Title V renewal except the following have been revised:

- (a) The boiler designated as BLR1 has been removed from the plant. All references to boiler BLR1 have been deleted from the permit.
- (b) The accumulator paint spray booth designated as 3PNT has been removed from the plant. All references to paint spray booth 3PNT have been deleted from the permit.

The following terms and conditions from previous approvals have been determined no longer applicable; therefore, were not incorporated into this Part 70 permit renewal:

- (a) Conditions: D.1.2 through D.1.5
 - D.1.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-1]
 - D.1.3 Testing Requirements [326 IAC 2-7-6(1), (6)]
 - D.1.4 Sulfur Dioxide Emissions and Sulfur Content
 - D.1.5 Visible Emissions Notations

Reason not incorporated: The fuel oil backup capability for all boilers is no longer in place at the plant and the sulfur dioxide emissions from natural gas combustion are well below 25 tons per year. Therefore, the source is no longer subject to 326 IAC 7-1.1-1. All terms and conditions associated with the backup fuel oil usage have been deleted from the permit.

- (b) Conditions: D.3.1 through D.3.7
 - D.3.1 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR Part 63, Subpart A]
 - D.3.2 Hazardous Air Pollutants (HAPs) [326 IAC 20-6-1] [40 CFR 63, Subpart T]
 - D.3.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]
 - D.3.4 Hazardous Air Pollutants (HAPs) [326 IAC 20-6-1] [40 CFR 63, Subpart T]
 - D.3.5 Monitoring
 - D.3.6 Record Keeping Requirements
 - D.3.7 Reporting Requirements

Reason not incorporated: The North Condenser conveyORIZED vapor degreaser designated as 1DGR has been removed from the source. Since this source is no longer subject to the requirements of 40 CFR 63, Subpart T, all terms and conditions associated with Subpart T have been deleted from the permit.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

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

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit application for the purposes of this review was received on May 19, 2003.

There was no notice of completeness letter mailed to the source.

Emission Calculations

See Appendix A: pages 1 through 10 of this document for detailed emissions calculations.

Potential to Emit of the Source

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source 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."

The source was issued a Part 70 Operating Permit on February 17, 1999. The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered enforceable only after issuance of the original Part 70 operating Permit and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

Process/facility	Potential to Emit (tons/year)							
	PM	PM-10	SO ₂	VOC	CO	NO _x	Single HAP	Total HAPs
Surface Coating	12.04 (1)	12.04 (1)	--	235.65	--	--	176.99	182.01
Thermal (2) De-oilers	--	--	--	10.91	--	--	--	--
Metal Parts Spray Cleaning	--	--	--	10.14	--	--	9.63	9.63
Combustion	4.50	4.50	0.3	3.3	50.6	60.2	neg.	neg.
Flushing and Testing	--	--	--	12.8	--	--	--	--
Anodizing Tank	0.79	0.79	--	--	--	--	--	--
Machining Operations	12.97	12.97	--	--	--	--	--	--
Brazing	--	--	--	10.07	--	--	--	--
Soldering	--	--	--	127.02	--	--	127.02	127.02
Total Emissions	30.30	30.30	0.3	409.89	50.6	60.2	313.64	318.66

(1) Based on controlled PM and PM10 potential emissions.

(2) Controlled by thermal incinerators to render 326 IAC 2-2 not applicable and to comply with 326 IAC 8-1-6.

- (a) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of PM10 and VOC are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is equal to or greater than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination HAPs is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (c) Fugitive Emissions
 Since this type of operation is one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive emissions are counted toward determination of PSD and Emission Offset applicability.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2001 OAQ emission data.

Pollutant	Actual Emissions (tons/year)
PM	not available
PM-10	1.0
SO ₂	0.0
VOC	81.0
CO	9.0
NO _x	11.0
HAP	not available

County Attainment Status

The source is located in Fayette County.

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

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Fayette County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (b) Fayette 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.
- (c) Fugitive Emissions
Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive emissions are not counted toward determination of PSD and Emission Offset applicability.

Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.

- (b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

Federal Rule Applicability

- (a) Provisions of the New Source Performance Standard, 326 IAC 12, (40 CFR Part 60.40c, Subpart Dc) "Standards of Performance for Small Industrial Commercial Institutional Steam Generating Units" apply to boilers for which Construction, Reconstruction, or Modification commenced after June 9, 1989 and have a maximum design heat input capacity of 100 MMBtu per hour or less, but greater than or equal to 10 MMBtu per hour. The three (3) natural gas fired boilers (ID Nos. BLR2, BLR4, and BLR5), each rated at 37, 72, and 72 MMBtu per hour, respectively, are not subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40c through 60.48c, Subpart Dc), "Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units", because each boiler was constructed prior to the June 9, 1989 applicability date of this rule.
- (b) This Part 70 source does include a pollutant-specific emissions units as defined in 40 CFR 64.1:
 - (1) with the potential to emit before controls equal to or greater than one hundred (100) tons per year;
 - (2) that is subject to an emission standard and has a control device that is necessary to meet that limit; and
 - (3) uses a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard.

The one (1) condenser paint spray booth (ID No. 2PNT) at this Part 70 source has uncontrolled PTE of PM/PM10 of greater than 100 tons per year, and uses a control device (dry filters) as defined in 40 CFR 64.1 to comply with an emission limitation or standard. Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are applicable to this source.

The following CAM plan, which was submitted by the source, shall satisfy the 40 CFR 64 Compliance Assurance Monitoring requirements.

2PNT has applicable compliance monitoring conditions as specified below:

- (1) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (G-22-1 and E-23-2) while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

- (2) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

De-oiler #1 at this Part 70 source has uncontrolled PTE of VOC of greater than 100 tons per year, and uses a control device (thermal incinerator) as defined in 40 CFR 64.1 to comply with an emission limitation or standard. Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are applicable to this source.

The following CAM plan, which was submitted by the source, shall satisfy the 40 CFR 64 Compliance Assurance Monitoring requirements.

De-oiler #1 has applicable compliance monitoring conditions as specified below:

- (1) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal incinerator for measuring operating temperature and residence time. The temperature output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan – Preparation, Implementation, Records and Reports whenever the three (3) hour average temperature of the thermal incinerator is below 1500°F and the gas residence time in the oxidizing zone for the incinerator is below 1.5 seconds. A three (3) hour average temperature that is below 1500°F and a gas residence time that is below 1.5 seconds are not deviations from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.
- (2) The Permittee shall determine the three (3) hour average temperature and the gas residence time from the most recent valid stack test that demonstrates compliance with limits in condition D.3.1, as approved by IDEM.
- (3) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports whenever the three (3) hour average temperature and gas residence time of the thermal incinerator are below the three (3) hour average temperature and gas residence time as observed during the compliant stack test. A three (3) hour average temperature and gas residence time that are below the three (3) hour average temperature and gas residence time as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.

- (c) The Permittee submitted a Part 1 MACT Application indicating that the source may be subject to the requirements of Section 112(j) of the Clean Air Act on May 15, 2002. The requirements of Section 112(j) of the Clean Air Act (40 CFR Part 63.50 through 63.56) are no longer applicable because the EPA finalized rules on February 26, 2004 for the remaining source categories that Visteon Systems, LLC. indicated might be applicable in their Part 1 MACT Application. Pursuant to 40 CFR 63.50(c), since final standards have been promulgated for Visteon Systems, LLC's source categories, the source categories are no longer affected by Section 112(j) Maximum Achievable Control Technology (MACT) Hammer. IDEM has evaluated the final standards to determine if the final standards are applicable and has explained the determination if the standards are applicable within this technical support document.
- (d) The three (3) natural gas fired boilers (ID Nos. BLR2, BLR4, and BLR5), each rated at 37, 72, and 72 MMBtu per hour, respectively are subject to the National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR 63, Subpart DDDDD. The three (3) natural gas fired boilers each comprises one existing affected source for the large gaseous fuel subcategory, as defined by 40 CFR 63.7506(b), because they meet the criteria in the definition in 40 CFR 63.7575 for the large gaseous fuel subcategory. The provisions of 40 CFR 63 Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the affected source after the effective date of 40 CFR 63, Subpart DDDDD, except when otherwise specified in 40 CFR 63 Subpart DDDDD. This rule is not yet published in the Federal Register. A copy of the signed, final rule is available at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

Pursuant to 40 CFR 63.7506(b), the only requirements that apply to the existing affected source for the large gaseous fuel subcategory, are the initial notification requirements in 40 CFR 63.9(b). The Permittee shall submit an Initial Notification containing the information specified in 40 CFR 63.9(b)(2) not later than 120 days after the date of publication of the final rule for 40 CFR 63, Subpart DDDDD in the Federal Register, as required by 40 CFR 63.7545(b).

- (e) The one (1) condenser paint spray booth (2PNT), one (1) accumulator paint spray booth 3PNT, and one (1) maintenance paint spray booth MAINTPAINT at this source are subject to 40 CFR Part 63, Subpart MMMM (Miscellaneous Metal Parts and Products) because they coat metal parts and the source is a major source of HAPs. This source is required to comply with this subpart by August 18, 2006.
- (1) The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the affected source (Coating lines # 1 through 4), except when otherwise specified by Table 2 to 40 CFR Part 63, Subpart MMMM. The Permittee must comply with these requirements on and after the effective date of the National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.
- (2) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

This source is subject to National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products [40 CFR Part 63, Subpart MMMM] [40 CFR 63.3882] [40 CFR 63.3883] [40 CFR 63.3980] with the following conditions:

- (1) The provisions of 40 CFR Part 63, Subpart M MMM (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products) apply to the affected source. A copy of this rule is available on the US EPA Air Toxics Website at <http://www.epa.gov/ttn/atw/misc/miscpg.html>. Pursuant to 40 CFR 63.3883(b), the Permittee must comply with these requirements on and after the date 3 years after the effective date of 40 CFR Part 63, Subpart M MMM.
- (2) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.
- (3) The affected source is the collection of all of the items listed in 40 CFR 63.3882, paragraphs (b)(1) through (4) that are used for surface coating of miscellaneous metal parts and products within each subcategory as defined in 40 CFR 63.3881(a), paragraphs (2) through (6).
 - (A) All coating operations as defined in 40 CFR 63.3981;
 - (B) All storage containers and mixing vessels in which coatings, thinners and/or other additives, and cleaning materials are stored or mixed;
 - (C) All manual and automated equipment and containers used for conveying coatings, thinners and/or other additives, and cleaning materials; and
 - (D) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.

Terminology used in this section is defined in the CAA, in 40 CFR Part 63, Section 63.2, and in 40 CFR 63.3980, and are applicable to the affected source.

Pursuant to 40 CFR 63.3910 (Notification Requirements), the source shall comply with the following notification requirements:

- (1) General. The Permittee must submit the applicable notifications in 40 CFR Part 63, Sections 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) by the dates specified in those sections, except as provided in 40 CFR 63.3910, paragraphs (b) and (c).
- (2) Initial notification. The Permittee must submit the initial notification no later than 1 year after the effective date of 40 CFR Part 63, Subpart M MMM.
- (3) Notification of compliance status. The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR Part 63, Sections 63.3940, 63.3950, or 63.3960 that applies to the affected source. The notification of compliance status must contain the information specified in 40 CFR 63.3910(c), paragraphs (1) through (11) and any additional information specified in 40 CFR 63.9(h).

Pursuant to 326 IAC 2-7-12 and 326 IAC 2-7-5 (Requirement to Submit a Significant Permit Modification Application), the Permittee shall submit an application for a significant permit modification to IDEM, OAQ to include information regarding which compliance option or options will be chosen in the Title V permit.

- (1) The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Title V permit the applicable requirements of 40 CFR 63, Subpart M, a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.
- (2) The significant permit modification application shall be submitted no later than twenty-seven months after the effective date of 40 CFR 63, Subpart M.
- (3) The significant permit modification application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015
- (f) The three (3) thermal de-oilers and the insignificant degreasing operations are not subject to the requirements of Subpart T because they do not use halogenated solvents and are not vapor or cold solvent cleaning machines.

The metal parts spray cleaning operation is not subject to this rule because it is a spray cleaning operation and it not covered under the provisions of this rule.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration)

This source is not subject to the requirements of 326 IAC 2-2. This source was constructed prior to the August 7, 1977 applicability date, was a minor source when first built and is not one of the 28 listed source categories. The source is a major source for purposes of determining the applicability of this rule to future modifications, with VOC emissions remaining at greater than 250 tons per year, since the source was constructed. Since 1977 the source has made the following modifications:

- (a) The metal parts spray cleaning operation (ID No. SPCL) and the compressor flushing and testing operation (ID No. FLUSH)), both installed in 1979, have total potential emissions less than the PSD major modification emissions thresholds, therefore, the installation of these units was a minor modification to a major PSD source.
- (b) The maintenance paint spray booth (ID No. MAINTPAINT) and the two (2) thermal de-oilers (De-oiler #1 and #2) were installed in 1998. The emissions from Thermal De-oilers #1 and #2 are controlled to less than the PSD major modification emissions thresholds by the thermal incineration system associated with Thermal De-oilers #1 and #2. Therefore, the installation of these units was a minor modification to a major PSD source.
- (c) The Anodizing Tank, Machining Operations and Induction Hardening Line, installed in 1999, have potential emissions less than the PSD major modification emissions thresholds, therefore, the installation of these units was a minor modification to a major PSD source.
- (c) The one (1) thermal de-oiler (De-oiler #3), installed in 2002, has potential emissions less than the PSD major modification emissions thresholds, therefore, the installation of this unit was a minor modification to a major PSD source.

Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration, PSD) do not apply to this source.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

Pursuant to 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP)), any new process or production unit, which in and of itself emits or has the potential to emit (PTE) 10 tons per year of any HAP or 25 tons per year of any combination of HAPs, must be controlled using technologies consistent with Maximum Achievable Control Technology (MACT). All facilities at the source, except the maintenance paint spray booth and the three (3) thermal de-oilers, were constructed and permitted before July 27, 1997. The maintenance paint spray booth has potential single HAP and total HAP emissions less than 10 and 25 tons per year, respectively, and the three (3) thermal de-oilers do not emit any HAPs, therefore, 326 IAC 2-4.1 does 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(b)(2), an emission statement must be submitted triennially by July 1 beginning in 2005 and every 3 years after. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

326 IAC 5-1 (Opacity Limitations)

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%) 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.

326 IAC 6-4 (Fugitive Dust Emissions)

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).

State Rule Applicability - Individual Facilities

326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heating)

The one (1) 37 MMBtu per hour boiler (ID No. BLR2), constructed in 1953, and the two (2) 72 MMBtu per hour boilers (ID Nos. BLR4 and BLR5), constructed in 1966, each firing natural gas, are subject to 326 IAC 6-2-3. Pursuant to this rule, particulate emissions from indirect heating facilities existing and in operation before September 21, 1983, shall be limited by the following equation:

$$Pt = \frac{C \times a \times h}{76.5 \times Q^{0.75} \times N^{0.25}}$$

$$Pt = \frac{50 \times 0.67 \times 55}{76.5 \times 218^{0.75} \times 4^{0.25}} = 0.30 \text{ lb/MMBtu}$$

The allowable particulate emission rate from each of the boilers, based on the above equation, is 0.30 pounds per MMBtu heat input. Each of the four (4) boilers emits a maximum of 0.01 pounds of PM per MMBtu heat input, therefore, each of the boilers is in compliance with 326 IAC 6-2-3 (see pages 2 and 3 of Appendix A).

326 IAC 6-3-2 (Process Operations)

Pursuant to Part 70 Operating Permit 041-6896-00004, issued on February 17, 1999, and 40 CFR 52 Subpart P the particulate matter (PM) from the two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) shall be limited by the following:

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

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

Under the rule revision, particulate from the two (2) paint spray booths shall be controlled by a dry filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)

This rule requires all facilities with a potential to emit twenty-five (25) tons per year or ten (10) pounds per hour of sulfur dioxide to comply with the emission limitations and test compliance methods stated in the rule. This rule is not applicable to this source, because the one (1) 37 MMBtu per hour boiler (ID No. BLR2, constructed in 1953, and the two (2) 72 MMBtu per hour boilers (ID Nos. BLR4 and BLR5), both constructed in 1966 are each firing natural gas and has a potential to emit of less than twenty-five (25) tons per year or ten (10) pounds per hour of sulfur dioxide.

326 IAC 8-1-6 (New Facilities, General Reduction Requirements)

The one (1) paint spray booth (ID Nos. 2PNT), the North Solder Line (ID No. SOLDER1) and the South Solder Line (ID No. SOLDER2) are not subject to the requirements of 326 IAC 8-1-6 because, although each facility has potential VOC emissions greater than 25 tons per year, each facility was constructed prior to January 1, 1980.

The metal parts spray cleaning operation (ID No. SPCL), the compressor flushing and testing operation (ID No. FLUSH), and the induction brazing operation (ID No. BRAZING) are not subject to the requirements of 326 IAC 8-1-6 because each facility has potential VOC emissions less than 25 tons per year and each was constructed prior to January 1, 1980.

The maintenance paint spray booth (ID No. MAINTPAINT) and Thermal De-oiler #2 are not subject to the requirements of 326 IAC 8-1-6 because each facility has potential VOC emissions less than 25 tons per year.

The two (2) thermal de-oilers (De-oiler #1 and #3) are subject to the requirements of 326 IAC 8-1-6. This rule requires all facilities constructed after January 1, 1980, which have potential VOC emission rates of 25 or more tons per year, and which are not otherwise regulated by other provisions of 326 IAC 8, to reduce VOC emissions using Best Available Control Technology (BACT). Each of the thermal de-oilers has potential VOC emissions greater than 25 tons per year and each facility was constructed after January 1, 1980.

Pursuant to CP-041-9441-00004, issued April 27, 1998, BACT for De-oiler #1 shall be the use of a thermal incineration system on the thermal de-oiler with an estimated VOC destruction efficiency of 95% and a capture efficiency of 100%.

Pursuant to SPM-041-16488-00004, issued August 15, 2003, the thermal incinerator (rated at 5.5 MMBtu per hour) on the one (1) thermal de-oiler (De-oiler #3) shall be in operation at all times that the de-oiler is in operation. The thermal de-oiler shall use less than 77.18 tons of oil per 12 consecutive month period, with compliance determined at the end of each month. The VOC shall be limited to 0.82 pound of VOC/ pound of oil used. These limits are required to limit VOC emissions for the thermal de-oiler to less than 63.29 tons of VOC per 12 consecutive month period. VOC emissions from the thermal de-oiler shall be controlled using the thermal incinerator with a minimum overall VOC control efficiency (including capture and destruction efficiencies) of 95%. Compliance with the requirement shall also render 326 IAC 2-2 not applicable.

326 IAC 8-2-9 (Miscellaneous Metal Coating)

The one (1) paint spray booth (ID No. 2PNT) is not subject to the requirements of 326 IAC 8-2-9, because the booth was constructed prior to November 1, 1980, and is located in Fayette County. The maintenance paint spray booth (ID No. MAINTPAINT) was constructed in 1998, but is not subject to the requirements of 326 IAC 8-2-9 because the booth has actual VOC emissions of less than 15 pounds per day.

326 IAC 8-3 (Organic Solvent Degreasing Operations)

The metal parts spray cleaning operation and the insignificant degreasing operations are not subject to this rule because they were constructed prior to January 1, 1980. The three (3) thermal de-oilers (De-oiler #1, #2 and #3) are not subject to the requirements of 326 IAC 8-3. For facilities constructed after July 1, 1990, this rule only applies to the type of degreasers described in 326 IAC 8-3-1(b)(1)(A) through (1)(C). Because the de-oilers are not the types of degreasers described in subdivision (1)(A) through (1)(C), they are not subject to the requirements of 326 IAC 8-3.

326 IAC 8-6 (Organic Solvent Emission Limitations)

This source is not subject to the requirements of 326 IAC 8-6. Provisions of 326 IAC 8-6 (Organic Solvent Emission Limitations) apply to units commencing operation after October 7, 1974, and prior to January 1, 1980, with potential emissions of 100 tons per year or greater of VOC, and not limited by any other 326 IAC 8 rules. The metal part spray cleaning operation (SPCL), the compressor flushing and testing operation (FLUSH), and the induction brazing operation (BRAZING) commenced operation between 1974 and 1980, but the potential emissions of VOC for each unit is less than 100 tons per year. Therefore, 326 IAC 8-6-2 does not apply.

Testing Requirements

Testing requirements from previous approvals were incorporated into this Part 70 Permit.

- (a) The Permittee performed VOC testing on each of the two (2) thermal incinerators, controlling VOC emissions from De-oiler #1 and De-oiler #2 in April 2000 and May 2000 respectively. The source shall perform compliance stack test on De-oiler #1 and De-oiler #2 between May 2005 and November 2005 which corresponds to five (5) years since the latest valid stack test plus one hundred and eighty (180) days.
- (b) The Permittee shall perform VOC testing on Thermal De-oiler #3 to confirm the validity of the uncontrolled VOC emission factor of 0.82 pound of VOC emitted per pound of oil used, as well as the VOC control efficiency for the one (1) thermal incinerator, as required in Condition D.3.1(b), utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less 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 requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also 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 monitoring requirements applicable to this source are as follows:

1. The three (3) thermal de-oilers have applicable compliance monitoring conditions as specified below:
 - (a) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal incinerator for measuring operating temperature and residence time. The temperature output of this system shall be recorded as a three (3) hour average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan – Preparation, Implementation, Records and Reports whenever the three (3) hour average temperature of the thermal incinerator is below 1500°F and the gas residence time in the oxidizing zone for the incinerator is below 1.5 seconds. A three (3) hour average temperature that is below 1500°F and a gas residence time that is below 1.5 seconds are not deviations from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.
 - (b) The Permittee shall determine the three (3) hour average temperature and the gas residence time from the most recent valid stack test that demonstrates compliance with limits in condition D.3.1, as approved by IDEM.
 - (c) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports whenever the three (3) hour average temperature and gas residence time of the thermal incinerator are below the three (3) hour average temperature and gas residence time as observed during the compliant stack test. A three (3) hour average temperature and gas residence time that are below the three (3) hour average temperature and gas residence time as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.

These monitoring conditions are necessary because the thermal incinerator control system must operate properly to ensure compliance with 326 IAC 8-1-6, 326 IAC 2-2 and 40 CFR Part 64.

2. The two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) have applicable compliance monitoring conditions as specified below:
 - (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) stacks (GT-22-1, E-23-2 and MAINTPAINT) while the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
 - (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.
 - (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

These monitoring conditions are necessary because the dry filters for the two (2) paint spray booths (ID Nos. 2PNT and MAINTPAINT) must operate properly to ensure compliance with 326 IAC 6-3-2 (Process Operations) and 326 IAC 2-7 (Part 70) and 40 CFR Part 64.

Conclusion

The operation of this automotive parts manufacturing plant shall be subject to the conditions of the attached proposed Part 70 Permit No. T041-17640-00004.

**Indiana Department of Environmental Management
Office of Air Quality**

**Addendum to the
Technical Support Document (TSD) for a Part 70 Permit**

Source Background and Description

Source Name:	Visteon Systems, LLC
Source Location:	4747 Western Avenue, Connersville, Indiana 47331
County:	Fayette
SIC Code:	3714
Operation Permit No.:	T041-17640-00004
Permit Reviewer:	Alic Bent/EVP

On May 10, 2004, the Office of Air Quality (OAQ) had a notice published in the News Examiner in Connersville, Indiana, stating that Visteon Systems, LLC had applied for a Part 70 permit renewal for the operation of a stationary automotive parts manufacturing plant. The notice also stated that OAQ proposed to issue a Part 70 Permit for this operation and provided information on how the public could review the proposed Part 70 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 Part 70 Permit should be issued as proposed.

Upon further review, the OAQ has decided to make the following change to the Part 70 Permit. Bolded language has been added and the language with a line through it has been deleted.

1. Section B.23 has been revised to include the latest model changes.

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

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

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

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

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

Appendix A: Emission Calculations

Company Name: Visteon Systems, LLC
Address City IN Zip: 4747 Western Avenue, Connersville, Indiana 47331
Operation Permit No.: T041-17640
Pit ID: 041-00004
Reviewer: Alic Bent/EVP
Date: 21-Oct-03

Total Potential To Emit (tons/year)										
Emissions Generating Activity										
Pollutant	Metal Parts Spray Cleaning	Compressor Flushing and Testing	Surface Coating	Soldering	Induction Brazing	Thermal De-oilers	Machining Operations	Anodizing Tank	Combustion	TOTAL
PM	0.00	0.00	172.02	0.00	0.00	0.00	259.50	7.92	4.50	443.9
PM10	0.00	0.00	172.02	0.00	0.00	0.00	259.50	7.92	4.50	443.9
SO2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.3
NOx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.20	60.2
VOC	10.14	12.80	235.65	127.02	10.07	218.13	0.00	0.00	3.30	617.1
CO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.60	50.6
total HAPs	9.63	0.00	182.01	127.02	0.00	0.00	0.00	0.00	0.00	318.7
worst case single HAP	9.63	0.00	176.99	127.02	0.00	0.00	0.00	0.00	0.00	313.6

Total emissions based on rated capacities at 8,760 hours/year.

**For the purposes of determining Title V applicability, PM10 (not PM) is the regulated pollutant in consideration

Total Limited Potential To Emit (tons/year)										
Emissions Generating Activity										
Pollutant	Metal Parts Spray Cleaning	Compressor Flushing and Testing	Surface Coating	Soldering	Induction Brazing	Thermal De-oilers	Machining Operations	Anodizing Tank	Combustion	TOTAL
PM	0.00	0.00	12.04	0.00	0.00	0.00	12.97	0.79	4.50	30.3
PM10	0.00	0.00	12.04	0.00	0.00	0.00	12.97	0.79	4.50	30.3
SO2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.3
NOx	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.20	60.2
VOC	10.14	12.80	235.65	127.02	10.07	10.91	0.00	0.00	3.30	409.9
CO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.60	50.6
total HAPs	9.63	0.00	182.01	127.02	0.00	0.00	0.00	0.00	0.00	318.7
worst case single HAP	9.63	0.00	176.99	127.02	0.00	0.00	0.00	0.00	0.00	313.6

Total emissions based on rated capacities at 8,760 hours/year.

**For the purposes of determining Title V applicability, PM10 (not PM) is the regulated pollutant in consideration

**Appendix A: Emission Calculations
VOC and Particulate
From Degreasing, Cleaning, Flushing, Surface Coating, Brazing, and Soldering Operations**

Company Name: Visteon Systems, LLC
Address City IN Zip: 4747 Western Avenue, Connersville, Indiana 47331
Operation Permit No.: T041-17640
Pit ID: 041-00004
Reviewer: Alic Bent/EVP
Date: 03-Oct-03

State Potential Emissions (uncontrolled):

Material (as applied)	Process	Density (Lb/Gal)	Weight % Volatile (H2O& Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Vol (solids)	Gal of Mat (gal/unit)	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		
Metal Parts Spray Cleaning																			
Ford Tox 042300	SPCL	12.18	100.00%	0.00%	100.00%	0.00%	0.00%	0.190	1.00	12.2	12.18	2.31	55.54	10.14	0.00	N/A	100.00%		
Compressor Flushing and Testing																			
Solvent Cleaner	FLUSH	4.79	100.00%	0.00%	100.00%	0.00%	0.00%	0.610	1.00	4.8	4.79	2.92	70.13	12.80	0.00	N/A	100.00%		
Surface Coating																			
Base Ford Tox #023966	Maintenance Booth	8.34	60.00%	0.00%	60.00%	0.00%	40.00%	0.188	1.00	5.0	5.00	0.94	22.52	4.11	0.68	16.68	75.00%		
White Ford Tox #023967	Maintenance Booth	8.83	60.00%	0.00%	60.00%	0.00%	40.00%	0.188	1.00	5.3	5.30	0.99	23.84	4.35	0.73	17.66	75.00%		
Solvent Ford Tox #040144	Maintenance Booth	7.02	100.00%	0.00%	100.00%	0.00%	0.00%	0.188	1.00	7.0	7.02	1.32	31.59	5.77	0.00	N/A	75.00%		
Engine Ford Tox #047695	Maintenance Booth	5.71	55.00%	0.00%	55.00%	0.00%	45.00%	0.188	1.00	3.1	3.14	0.59	14.13	2.58	1.06	13.96	50.00%		
Gloss Ford Tox #031022	Maintenance Booth	6.69	58.50%	0.00%	58.50%	0.00%	41.50%	0.188	1.00	3.9	3.91	0.73	17.61	3.21	1.14	18.86	50.00%		
Ford Tox 142380	2PNT	8.59	39.70%	0.00%	39.70%	0.00%	22.92%	15.100	1.00	3.4	3.41	51.49	1235.77	225.53	171.30	29.76	50.00%		
Soldering and Brazing																			
Ford Tox 022388 (Methanol)	SOLDER1	6.63	100.00%	0.00%	100.00%	0.00%	0.00%	14.500	lb/hr	6.6	6.63	14.50	348.00	63.51	0.00	N/A	N/A		
Ford Tox 022388 (Methanol)	SOLDER2	6.63	100.00%	0.00%	100.00%	0.00%	0.00%	14.500	lb/hr	6.6	6.63	14.50	348.00	63.51	0.00	N/A	N/A		
Ford Tox 017206 (IPA)	BRAZING	6.57	100.00%	0.00%	100.00%	0.00%	0.00%	2.300	lb/hr	6.6	6.57	2.30	55.20	10.07	0.00	N/A	N/A		
Total Uncontrolled Potential Emissions:												91.07	2185.68	395.67	172.02				
Potential Emissions (controlled):																			
Total Controlled Potential Emissions:												Control Efficiency:		Controlled					
												Surface Coating		PM					
												PM		tons/yr					
												93.00%		12.04					

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 Material (gal/unit) * Maximum (units/hr)
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)
Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/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) * Transfer Efficiency
Total = Worst Coating + Sum of all solvents used
Controlled emission rate = uncontrolled emission rate * (1 - control efficiency)

HAP Emission Calculations

Company Name: Ford Electronics and Refrigeration Corporation
Address City IN Zip: 4747 Western Avenue, Connersville, Indiana 47331
Operation Permit No.: T041-17640
Pit ID: 041-00004
Reviewer: Alic Bent/EVP
Date: 03-Sep-03

Material	Process	Density (Lb/Gal)	Gal of Mat (gal/unit)	Maximum (unit/hour)	Weight % Trichloro ethylene	Weight % Glycol Ethers	Weight % Xylene	Weight % Methyl Ethyl Ketone	Weight % Toluene	Weight % Methanol	Weight % Ethylbenzene	Trichloroethylene Emissions (ton/yr)	Glycol Ethers Emissions (ton/yr)	Xylene Emissions (ton/yr)	Methyl Ethyl Ketone Emissions (ton/yr)	Toluene Emissions (ton/yr)	Methanol Emissions (ton/yr)	Ethylbenzene Emissions (ton/yr)
Metal Parts Spray Cleaning																		
Ford Tox 042300	SPCL	12.18	0.190	1.00	95.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	9.63	0.00	0.00	0.00	0.00	0.00	0.00
Compressor Flushing and Testing																		
Solvent Cleaner	FLUSH	4.79	0.610	1.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Surface Coating																		
Base Ford Tox #023966	Maint. Booth	8.34	0.188	1.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
White Ford Tox #023967	Maint. Booth	8.83	0.188	1.00	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solvent Ford Tox #040144	Maint. Booth	7.02	0.188	1.00	0.00%	15.00%	30.00%	5.00%	10.00%	0.00%	0.00%	0.00	0.87	1.73	0.29	0.58	0.00	0.00
Engine Ford Tox #047695	Maint. Booth	5.71	0.188	1.00	0.00%	0.00%	10.00%	0.00%	15.00%	0.00%	0.00%	0.00	0.00	0.47	0.00	0.71	0.00	0.00
Gloss Ford Tox #031022	Maint. Booth	6.69	0.188	1.00	0.00%	0.00%	18.00%	10.00%	0.00%	0.00%	3.00%	0.00	0.00	0.99	0.55	0.00	0.00	0.17
Ford Tox 142380	2PNT	8.59	15.100	1.00	0.00%	31.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	176.12	0.00	0.00	0.00	0.00	0.00
Soldering and Brazing																		
Ford Tox 022388 (Methanol)	SOLDER1	6.63	14.500	lb/hr	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	63.51
Ford Tox 022388 (Methanol)	SOLDER2	6.63	14.500	lb/hr	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	63.51
Ford Tox 017206 (IPA)	BRAZING	6.57	2.300	lb/hr	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
												9.63	176.99	2.73	0.84	1.28	127.02	0.17

Total State Potential Emissions: 318.65

METHODOLOGY

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

**Appendix A: Potential Emissions Calculations
 Natural Gas or No. 2 Distillate Fuel Oil Combustion
 10 < MM BTU/HR <100
 Small Industrial Boiler**

Company Name: Visteon Systems, LLC
Address City IN Zip: 4747 Western Avenue, Connorsville, Indiana 47331
Operation Permit No.: T041-17640
Pit ID: 041-00004
Reviewer: Alic Bent/EVP
Date: 22-Oct-03

Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr	kgals/year	S = Weight % Sulfur
37.00	324.1	2315.1	0.35

Heat Input Capacity includes:
 Boiler 2 (BLR2), rated at 37.0 MMBtu/hr, capable of burning natural gas.

	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF (natural gas combustion)	7.6	7.6	0.6	100.0	5.5	84.0
Potential Emissions burning natural gas, tons/yr	1.2	1.2	0.1	16.2	0.9	13.6

Methodology:

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors for CO from natural gas combustion: Uncontrolled = 35, Low NOx Burner = 61, Flue gas recirculation = 37

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

Emission Factors for natural gas combustion are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02

Emissions from natural gas combustion (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Compliance with 326 IAC 6-2-3

The following calculation demonstrates compliance with the allowable PM emission limit of 0.3 lb/MMBtu pursuant to 326 IAC 6-2-3

Potential PM emission rate =	1.2	tons/yr /	4.38	lb/hr / tons/yr /	37 MMBtu/hr
=	0.01	lb PM / MMBtu	(will comply)		

Appendix A: Potential Emissions Calculations

Natural Gas or No. 2 Distillate Fuel Oil Combustion

10 < MM BTU/HR <100

Small Industrial Boiler

Company Name: Visteon Systems, LLC
Address City IN Zip: 4747 Western Avenue, Connorsville, Indiana 47331
Operation Permit No.: T041-17640-00004
Reviewer: Alic Bent/EVP
Date: 22-Oct-03

Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr	kgals/year	S = Weight % Sulfur
72.00	630.7	4505.1	0.35

Heat Input Capacity includes:
 Boiler 4 (BLR4) or Boiler 5 (BLR5), each rated at 72.0 MMBtu/hr, each burning natural gas.

	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF (natural gas combustion)	7.6	7.6	0.6	100.0	5.5	84.0
Potential Emissions burning natural gas, tons/yr	2.4	2.4	0.2	31.5	1.7	26.5

Methodology:

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors for CO from natural gas combustion: Uncontrolled = 35, Low NOx Burner = 61, Flue gas recirculation = 37

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

Emission Factors for natural gas combustion are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02

Emissions from natural gas combustion (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Compliance with 326 IAC 6-2-3

The following calculation demonstrates compliance with the allowable PM emission limit of 0.3 lb/MMBtu pursuant to 326 IAC 6-2-3:

$$\begin{aligned}
 \text{Potential PM emission rate} &= 2.4 \text{ tons/yr} / 4.38 \text{ lb/hr} / \text{tons/yr} / 72 \text{ MMBtu/hr} \\
 &= 0.01 \text{ lb PM} / \text{MMBtu} \quad \text{(will comply)}
 \end{aligned}$$

Appendix A: Emissions Calculations

Natural Gas Combustion Only

10 < MM BTU/HR <100

Supplementary Fuel Heat Input Rate for Thermal Incinerators

Company Name: Visteon Systems, LLC
Address City IN Zip: 4747 Western Avenue, Connersville, Indiana 47331
Operation Permit No.: 041-17640
Plt ID: 041-00004
Reviewer: Alic Bent/EVP
Date: 22-Oct-03

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

15.3

134.0

Heat Input Capacity includes:
 Supplementary fuel heat input rate for the thermal incinerators on De-oiler #1, #2 and #3.

	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	7.6	7.6	0.6	100.0	5.5	84.0
Potential Emission in tons/yr	0.5	0.5	0.0	6.7	0.4	5.6

Methodology:

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors for NOx: Uncontrolled = 100, Low NOx burner = 83, Flue gas recirculation = 30

Emission Factors for CO: Uncontrolled = 35, Low NOx Burner = 61, Flue gas recirculation = 34

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

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02

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

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

Company Name: Visteon Systems, LLC
Address City IN Zip: 4747 Western Avenue, Connersville, Indiana 47331
Operation Permit No.: 041-17640
Plt ID: 041-00004
Reviewer: Alic Bent/EVP
Date: 22-Oct-03

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

13.3

116.5

Heat Input Capacity includes:

TQ-13-G#1 & #2, DL-13-G #1 & #2, WRD-13, Endo Generator, Anodizing Line Dryer, and Air Makeup Units #1 & #2

	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	7.6	7.6	0.6	100.0	5.5	84.0
Potential Emission in tons/yr	0.4	0.4	0.0	5.8	0.3	4.9

Methodology:

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Emission Factors for NOx: Uncontrolled = 100, Low NOx burner = 83, Flue gas recirculation = 30

Emission Factors for CO: Uncontrolled = 35, Low NOx Burner = 61, Flue gas recirculation = 34

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

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02

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

Appendix A: Process Particulate Emissions

Company Name: Visteon Systems, LLC
Address City IN Zip: 4747 Western Avenue, Connersville, Indiana 47331
Permit No.: 041-17640
Plt ID: 041-00004
Reviewer: Alic Bent/EVP
Date: 31-Oct-03

Machining Operations

Potential Emissions (tons/year)					
Process	Grain Loading per Actual Cubic Foot of Outlet Air	Air Flow Rate (acfm)	Control Efficiency (%)	Total uncontrolled Emissions (tons/yr)	Total Controlled Emissions (tons/yr)
OMC #1	0.00480	18,000	95.00%	64.87	3.24
OMC #2	0.00480	18,000	95.00%	64.87	3.24
OMC #3	0.00480	8,000	95.00%	28.83	1.44
OMC #4	0.00480	10,000	95.00%	36.04	1.80
OMC #5	0.00480	18,000	95.00%	64.87	3.24

Total Emissions Based on Rated Capacity at 8,760 Hours/Year:	259.50	12.97
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Methodology:Potential (uncontrolled):

Baghouse (tons/yr) = Loading (grains/acf) * Air Flow Rate (acfm) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs * 1/(1-Control Efficiency)

Potential (controlled):

Baghouse (tons/yr) = Loading (grains/acf) * Air Flow Rate (acfm) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs

Appendix A: Process Particulate Emissions

Company Name: Visteon Systems, LLC
Address City IN Zip: 4747 Western Avenue, Connersville, Indiana 47331
Permit No.: 041-17640
Plt ID: 041-00004
Reviewer: Alic Bent/EVP
Date: 31-Oct-03

Anodizing Tank

Solvent usage rate = 15 lbs/hr (sulfuric acid)
PM potential emissions rate = 1.809 lbs/hr (acid mist)
Potential uncontrolled emissions (tons/yr) = $1.809 \text{ lbs PM/hr} * 8760 \text{ hrs/yr} * 1 \text{ ton}/2000 \text{ lbs}$
= 7.92 tons/yr
scrubber control efficiency = 90%
Potential controlled emissions (tons/yr) = 0.79 tons/yr