



Joseph E. Kernan  
Governor

Lori F. Kaplan  
Commissioner

June 30, 2004

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

TO: Interested Parties / Applicant

RE: Dexter Axle Company / MPR 113-19132-00008

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

### Notice of Decision: Approval - Effective Immediately

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

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

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

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

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

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

Enclosures  
FNPER-MOD.dot 9/16/03



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

Joseph E. Kernan  
Governor

Lori F. Kaplan  
Commissioner

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

June 30, 2004

Mr. Dwight Busche, Sr.  
Dexter Axle Company  
P.O. Box 108  
Albion, IN 46701

Re: **113-19132**  
First Minor Revision to  
**FESOP 113-17172-00008**

Dear Mr. Busche, Sr.:

Dexter Axle Company was issued a permit on March 23, 2004 for stationary motor vehicle parts and accessories manufacturing source. A letter requesting changes to this permit was received on May 6, 2004. Pursuant to the provisions of 326 IAC 2-8-11.1 a Minor Significant Permit Revision to this permit is hereby approved as described in the attached Technical Support Document.

The revision consists of one (1) proposed spray paint booth (EU-15), which will be incorporated as part of the HAPs limits in the reporting requirements. The revision also consists of a limit on the input of solids to the proposed spray paint booth (EU-15) in order to perform this revision as a minor permit revision pursuant to 326 IAC 2-8-11.1(d)(5)(E).

The following construction conditions are applicable to the proposed project:

1. General Construction Conditions  
The data and information supplied with the application shall be considered part of this source modification approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).
2. This approval to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.
3. Effective Date of the Permit  
Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.
4. Pursuant to 326 IAC 2-1.1-9 (Revocation), the Commissioner may revoke this approval if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.
5. All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.

Pursuant to 326 IAC 2-8-11.1, this permit shall be revised by incorporating the minor permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. For your convenience, the entire revised FESOP, with all revisions and amendments made to it, is being provided.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact reviewer, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 ext. 15 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original signed by Paul Dubenetzky  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments  
MSS/MES

cc: File - Noble County  
U.S. EPA, Region V  
Noble County Health Department  
Air Compliance Section Inspector - Doyle Houser  
Compliance Branch  
Administrative and Development Section  
Technical Support and Modeling - Michele Boner



Joseph E. Kernan  
Governor

Lori F. Kaplan  
Commissioner

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

**FEDERALLY ENFORCEABLE STATE  
OPERATING PERMIT (FESOP)  
OFFICE OF AIR QUALITY**

**Dexter Axle Company  
500 South Seventh Street  
Albion, Indiana 46701**

(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 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F 113-17172-00008	
Original signed by Paul Dubenetzky Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: March 23, 2004  Expiration Date: March 23, 2009.

First Minor Permit Revision 113-19132-00008	
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: June 30, 2004

## TABLE OF CONTENTS

<b>SECTION A</b>	<b>SOURCE SUMMARY</b> .....	5
A.1	General Information [326 IAC 2-8-3(b)]	
A.2	Emission Units and Pollution Control Equipment Summary [326 IAC 2-8-3(c)(3)]	
A.3	Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(I)]	
A.4	FESOP Applicability [326 IAC 2-8-2]	
A.5	Prior Permits Superseded [326 IAC 2-1.1-9.5]	
<b>SECTION B</b>	<b>GENERAL CONDITIONS</b> .....	8
B.1	Permit No Defense [IC 13]	
B.2	Definitions [326 IAC 2-8-1]	
B.3	Permit Term [326 IAC 2-8-4(2)] [326 IAC 2-1.1-9.5]	
B.4	Enforceability [326 IAC 2-8-6]	
B.5	Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3 (h)]	
B.6	Severability [326 IAC 2-8-4(4)]	
B.7	Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]	
B.8	Duty to Provide Information [326 IAC 2-8-4(5)(E)]	
B.9	Compliance Order Issuance [326 IAC 2-8-5(b)]	
B.10	Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]	
B.11	Annual Compliance Certification [326 IAC 2-8-5(a)(1)]	
B.12	Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]	
B.13	Emergency Provisions [326 IAC 2-8-12]	
B.14	Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]	
B.15	Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]	
B.16	Permit Renewal [326 IAC 2-8-3(h)]	
B.17	Permit Amendment or Revision [326 IAC 2-8-10][326 IAC 2-8-11.1]	
B.18	Operational Flexibility [326 IAC 2-8-15] [326 IAC 2-8-11.1]	
B.19	Permit Revision Requirement [326 IAC 2-8-11.1]	
B.20	Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]	
B.21	Transfer of Ownership or Operational Control [326 IAC 2-8-10]	
B.22	Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16] [326 IAC 2-1.1-7]	
<b>SECTION C</b>	<b>SOURCE OPERATION CONDITIONS</b> .....	17
	<b>Emission Limitations and Standards [326 IAC 2-8-4(1)]</b>	
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]	
C.2	Overall Source Limit [326 IAC 2-8]	
C.3	Opacity [326 IAC 5-1]	
C.4	Open Burning [326 IAC 4-1] [IC 13-17-9]	
C.5	Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]	
C.6	Fugitive Dust Emissions [326 IAC 6-4]	
C.7	Operation of Equipment [326 IAC 2-8-5(a)(4)]	
C.8	Stack Height [326 IAC 1-7]	
C.9	Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]	
	<b>Testing Requirements [326 IAC 2-8-4(3)]</b>	
C.10	Performance Testing [326 IAC 3-6]	
	<b>Compliance Requirements [326 IAC 2-1.1-11]</b>	
C.11	Compliance Requirements [326 IAC 2-1.1-11]	

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

- C.12 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]
- C.13 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

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

- C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]
- C.15 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]
- C.16 Compliance Response Plan - Preparation, Implementation, Records, and Reports  
[326 IAC 2-8-4] [326 IAC 2-8-5]
- C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4]  
[326 IAC 2-8-5]

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

- C.18 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]
- C.19 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

**Stratospheric Ozone Protection**

- C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

**SECTION D.1 FACILITY OPERATION CONDITIONS: Surface Coating Operations..... 24**

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

- D.1.1 Volatile Organic Compounds (VOC) and Hazardous Air Pollutants (HAPs)  
[326 IAC 2-8-4] [40 CFR 63, Subpart M] [40 CFR 63, Subpart M]
- D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]
- D.1.3 Volatile Organic Compounds (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]
- D.1.4 Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM<sub>10</sub>)  
[326 IAC 2-8-11.1(d)(5)(E)]
- D.1.5 Particulate Matter (PM) [40 CFR 52, Subpart P]
- D.1.6 Particulate [326 IAC 6-3-2(d)]
- D.1.7 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

**Compliance Determination Requirements**

- D.1.8 Hazardous Air Pollutants (HAPs) [326 IAC 8-1-2] [326 IAC 8-1-4]
- D.1.9 Volatile Organic Compounds (VOC) [326 IAC 8-1-2] [326 IAC 8-1-4]

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

- D.1.10 Monitoring

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

- D.1.11 Record Keeping Requirements
- D.1.12 Reporting Requirements

**SECTION D.2 FACILITY OPERATION CONDITIONS: Grinding System..... 28**

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

- D.2.1 Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM<sub>10</sub>)  
[326 IAC 2-8-4] [326 IAC 2-2]
- D.2.2 Particulate [326 IAC 6-3-2]
- D.2.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

**Compliance Determination Requirements**

- D.2.4 Particulate Control
- D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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

D.2.6 Monitoring

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

D.2.7 Record Keeping Requirements

**SECTION D.3 FACILITY OPERATION CONDITIONS: Insignificant Activities ..... 30**

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

D.3.1 Volatile Organic Compounds (VOC) [326 IAC 2-8-4]

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

D.3.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

**Compliance Determination Requirements**

D.3.4 Particulate Control

<b>Certification .....</b>	<b>32</b>
<b>Emergency Occurrence Report .....</b>	<b>33</b>
<b>FESOP Quarterly Reports .....</b>	<b>35</b>
<b>Quarterly Deviation and Compliance Monitoring Report.....</b>	<b>38</b>

## 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 2-8-3(b)]

---

The Permittee owns and operates a stationary motor vehicle parts and accessories manufacturing source.

Authorized Individual: Facility Manager  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
General Source Phone: 260-636-2195  
SIC Code: 3714  
Source Location Status: Noble County  
Attainment for all criteria pollutants  
Source Status: Federally Enforceable State Operating Permit (FESOP)  
Minor Source, under PSD Rules;  
Minor Source, Section 112 of the Clean Air Act

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

---

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

- (a) One (1) shoe dip tank constructed in 1974, identified as EU-06, exhausting to Stack 6, capacity: 2,034 brake shoes per hour.
- (b) One (1) metal backing plate dip tank, identified as EU-07, constructed in 2000, exhausting to Stack 7, capacity: 923 metal backing plates per hour.
- (c) One (1) spray paint booth constructed in 1969, identified as EU-11, equipped with eleven (11) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 11, capacity: 429 metal brake parts per hour.
- (d) One (1) spray paint booth constructed in 1973, identified as EU-12, equipped with four (4) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 12, capacity: 429 metal brake parts per hour.
- (e) One (1) spray paint booth, identified as EU-15, equipped with eleven (11) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 15, capacity: 429 metal brake parts per hour.
- (f) One (1) grinding system constructed in 1975, identified as EU-14, equipped with six (6) grinders and a HEPA filtration system, identified as CE-14, for particulate control, exhausting to Stack 14, capacity: 1,800 pounds of friction material per hour.

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

---

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

- (a) Source-wide natural gas-fired combustion, rated at 34.62 million British thermal units per hour total, consisting of the following:
  - (1) Three (3) air makeup units, heat input capacity: 5.00 million British thermal units per hour each;
  - (2) Eight (8) heaters/air conditioners, heat input capacity: 0.475 million British thermal units per hour each;
  - (3) Twenty-five (25) natural gas-fired space heaters, heat input capacity: 0.150 million British thermal units per hour each;
  - (4) Three (3) bonders, heat input capacity: 0.800 million British thermal units per hour each;
  - (5) Three (3) parts washers, heat input capacity: 0.650 million British thermal units per hour each;
  - (6) One (1) parts washer, heat input capacity: 0.880 million British thermal units per hour;
  - (7) One (1) parts washer, heat input capacity: 1.80 million British thermal units per hour;
  - (8) One (1) parts washer, heat input capacity: 4.80 million British thermal units per hour; and
  - (9) Three (3) office furnaces, heat input capacity: 0.080 million British thermal units per hour each.
- (b) Three (3) metal inert gas (MIG) welding stations, using L50 welding wire, capacity: 6.00 pounds of welding wire per hour each.
- (c) Paved and unpaved roads and parking lots with public access.
- (d) Grinding and machining operation controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, consisting of the following:

One (1) bullard system, consisting of eight (8) bullard machines, equipped with torit filters for PM and PM<sub>10</sub> control, capacity: 85 parts (3,443 pounds) per hour.

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

---

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

### A.5 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) deleted

by this permit.

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

## **SECTION B GENERAL CONDITIONS**

### **B.1 Permit No Defense [IC 13]**

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

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

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

### **B.3 Permit Term [326 IAC 2-8-4(2)] [326 IAC 2-1.1-9.5]**

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

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

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

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

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-8-3(h) and 326 IAC 2-8-9.

### **B.6 Severability [326 IAC 2-8-4(4)]**

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

### **B.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]**

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

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

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ, 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.9 Compliance Order Issuance [326 IAC 2-8-5(b)]**

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

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

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an authorized individual of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.
- (c) An authorized individual is defined at 326 IAC 2-1.1-1(1).

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

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

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

- (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 2-8-4(3); and
  - (5) Such other facts as specified in Sections D of this permit, IDEM, OAQ, may require to determine the compliance status of the source.

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

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

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

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

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

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

The PMP extension notification does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes the following:
  - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ Northern Regional Office, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section) or,

Telephone No.: 317-233-5674 (ask for Compliance Section)

Facsimile No.: 317-233-5967

Northern Regional Office: 574-245-4870, facsimile 574-245-4877

- (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 2-8-4(3)(C)(ii) and must contain the following:

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

The notification which shall be submitted by the Permittee does not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-8-3(c)(6) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
- (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the

emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

- (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
  - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
  - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

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

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

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

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

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

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

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

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

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

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
  - (1) That this permit contains a material mistake.

- (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
- (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-8-8(a)]
- (c) Proceedings by 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 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, 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 2-8-8(c)]

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

- (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 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

- (b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]
  - (1) A timely renewal application is one that is:
    - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
    - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, 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 until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-8-9]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 until IDEM, OAQ 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 needed to process the application.

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

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015
- Any such application shall be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]
- (d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.

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

- (a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:
- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:
- Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015
- and
- United States Environmental Protection Agency, Region V  
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590
- in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

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

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

- (b) **Emission Trades [326 IAC 2-8-15(c)]**  
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-8-15(c).
- (c) **Alternative Operating Scenarios [326 IAC 2-8-15(d)]**  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-8-4(7). No prior notification of IDEM, OAQ or U.S. EPA is required.

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

---

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

**B.20 Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2] [IC 13-30-3-1] [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 FESOP source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

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

---

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

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

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

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

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

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

- (a) The Permittee shall pay annual fees to IDEM, OAQ, 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) 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 317-233-4320 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

## SECTION C

## SOURCE OPERATION CONDITIONS

<b>Entire Source</b>
----------------------

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

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

---

- (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 one hundred (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 one hundred (100) pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

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

---

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

- (a) Pursuant to 326 IAC 2-8:
  - (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also satisfy the requirements of 326 IAC 2-3 (Emission Offset);
  - (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
  - (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.
- (b) Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period.
- (c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided the source's potential to emit does not exceed the above specified limits.
- (d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.3 Opacity [326 IAC 5-1]

---

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

- (a) Opacity shall not exceed an average of 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.4 Open Burning [326 IAC 4-1] [IC 13-17-9]**

---

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

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

---

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

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

---

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

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

---

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

**C.8 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.

**C.9 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]**

---

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

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

All required notifications shall be submitted to:

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

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

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

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

#### **C.10 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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ 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.11 Compliance Requirements [326 IAC 2-1.1-11]**

---

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

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

#### **C.12 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]**

---

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

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

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

#### **C.13 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 2-8-4] [326 IAC 2-8-5(a)(1)]**

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

---

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

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

- (b) These ERPs shall be submitted for approval 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 ninety (90) days from the date of issuance of this permit.

C.15 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

---

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

C.16 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-8-4] [326 IAC 2-8-5]

---

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

- (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected time frame for taking reasonable response steps.
- (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (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 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 status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.
- (4) Failure to take reasonable response steps shall be considered a deviation from the permit.

- (c) The Permittee is not required to take any further response steps for any of the following reasons:
  - (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
  - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied.
  - (3) An automatic measurement was taken when the process was not operating.
  - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.
- (e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-8-12 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

**C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4] [326 IAC 2-8-5]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, 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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

**C.18 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]**

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present

or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner 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 2-8-4(3)(C)] [326 IAC 2-1.1-11]**

---

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

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management  
Compliance Branch, 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 "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(e) The first report covered the period commencing on the date of issuance of the original FESOP and ended on the last day of the reporting period. All subsequent reporting periods shall be 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 2-8-4(10)]: Surface Coating Operations

- (a) One (1) shoe dip tank constructed in 1974, identified as EU-06, exhausting to Stack 6, capacity: 2,034 brake shoes per hour.
- (b) One (1) metal backing plate dip tank, identified as EU-07, constructed in 2000, exhausting to Stack 7, capacity: 923 metal backing plates per hour.
- (c) One (1) spray paint booth constructed in 1969, identified as EU-11, equipped with eleven (11) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 11, capacity: 429 metal brake parts per hour.
- (d) One (1) spray paint booth constructed in 1973, identified as EU-12, equipped with four (4) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 12, capacity: 429 metal brake parts per hour.
- (e) One (1) spray paint booth, identified as EU-15, equipped with eleven (11) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 15, capacity: 429 metal brake parts 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 2-8-4(1)]

#### D.1.1 Volatile Organic Compounds (VOC) and Hazardous Air Pollutants (HAPs) [326 IAC 2-8-4] [40 CFR 63, Subpart M] ---

- (a) The use of any individual HAP, including coatings, dilution solvents, and cleaning solvents from the five (5) surface coating operations, identified as EU-06, EU-07, EU-11, EU-12, and EU-15 shall not exceed a total of 9.70 tons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of any single HAP from the entire source to less than ten (10) tons per year. Compliance with this limitation shall render the requirements of 326 IAC 2-7 and 40 CFR 63, Subpart M not applicable.
- (b) The use of any combination of HAPs, including coatings, dilution solvents, and cleaning solvents from the five (5) surface coating operations, identified as EU-06, EU-07, EU-11, EU-12, and EU-15 shall not exceed a total of 24.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of any combination of HAPs from the entire source to less than ten (25) tons per year. Compliance with this limitation shall render the requirements of 326 IAC 2-7 and 40 CFR 63, Subpart M not applicable.
- (c) Any change or modification that increases the potential to emit from EU-06, EU-07, EU-11, EU-12, and EU-15 to greater than a total of 99.0 tons of VOC per year may render the requirements of 326 IAC 2-7 applicable and shall require prior IDEM, OAQ approval.

#### D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-2-9] ---

Pursuant to 326 IAC 8-2-9, the owner or operator shall not allow the discharge into the atmosphere VOC from the one (1) metal backing plate dip tank, identified as EU-07 and one (1) spray paint booth, identified as EU-15 in excess of, three and five-tenths (3.5) pounds of VOC per gallon of coating, excluding water delivered to the applicator for air dried or forced warm air dried coatings.

**D.1.3 Volatile Organic Compounds (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]**

Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of EU-07 and EU-15 during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

**D.1.4 Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM<sub>10</sub>) [326 IAC 2-8-11.1(d)(5)(E)]**

Pursuant to 326 IAC 2-8-11.1(d)(5)(E), the input of solids to proposed spray paint booth (EU-15) shall not exceed 99.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to 24.9 tons of PM and PM<sub>10</sub> per year each, based on a minimum transfer efficiency and minimum control efficiency of fifty percent (50%) each.

**D.1.5 Particulate Matter (PM) [40 CFR 52, Subpart P]**

Pursuant to T 113-6949-00008, issued on January 19, 1999, and 40 CFR 52 Subpart P 40 CFR 52 Subpart P, the PM from the three (3) spray paint booths (EU-11, EU-12, and EU-15) shall not exceed the pound per hour emission rate established as E in the following formula:

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

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

or

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

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

**D.1.6 Particulate [326 IAC 6-3-2(d)]**

Pursuant to T 113-6949-00008, issued on January 19, 1999 and 326 IAC 6-3-2(d), particulate from the three (3) spray paint booths (EU-11, EU-12, and EU-15) shall be controlled dry filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

**D.1.7 Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for EU-11, EU-12, and EU-15 as well as any control devices.

**Compliance Determination Requirements**

**D.1.8 Hazardous Air Pollutants (HAPs) [326 IAC 8-1-2] [326 IAC 8-1-4]**

Compliance with the HAPs usage limitations contained in Conditions D.1.1(a) and (b) shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" HAP data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

**D.1.9 Volatile Organic Compounds (VOC) [326 IAC 8-1-2] [326 IAC 8-1-4]**

---

- (a) Compliance with the VOC requirements for all surface coating operations as well as the content limitation for EU-07 contained in Conditions D.1.1(c) and D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.
- (b) Compliance with the VOC content limit for EU-15 contained in Condition D.1.2 shall be determined pursuant to 326 IAC 8-1-2(a)(7), using a volume weighted average of coatings on a daily basis. This volume weighted average shall be determined by the following equation:

$$A = [ \sum C \times U ] / \sum U$$

Where: A = The volume weighted average in pounds VOC per gallon less water as applied;

C = VOC content of the coating in pounds VOC per gallon less water as applied; and

U = The usage rate of the coating in gallons per day.

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

**D.1.10 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 surface coating booth stacks (Stacks 11, 12, and 15) 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.
- (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.

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

**D.1.11 Record Keeping Requirements**

---

- (a) To document compliance with Conditions D.1.1 and D.1.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the HAPs usage limits as well as the VOC requirement and content limits established in

Conditions D.1.1 and D.1.2. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

- (1) The VOC and HAP content of each coating material and solvent used.
  - (2) The amount of coating material and solvent less water used on monthly basis.
    - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
    - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
  - (3) The volume weighted average VOC content of the coatings used for each day at EU-15
  - (4) The cleanup solvent usage for each month;
  - (5) The total VOC and HAP usage for each month; and
  - (6) The weight of VOC and HAPs emitted for each compliance period.
- (b) To document compliance with Condition D.1.4, the Permittee shall maintain records of the input of solids to EU-15 each month.
- (c) To document compliance with Condition D.1.10, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.1.12 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.1.1(a) and (b) as well as Condition D.1.4 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

## SECTION D.2 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-8-4(10)]: Grinding System

- (f) One (1) grinding system constructed in 1975, identified as EU-14, equipped with six (6) grinders and a HEPA filtration system, identified as CE-14, for particulate control, exhausting to Stack 14, capacity: 1,800 pounds of friction material 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 2-8-4(1)]

#### D.2.1 Particulate Matter (PM) and Particulate Matter Less Than Ten Microns ( $PM_{10}$ ) [326 IAC 2-8-4] [326 IAC 2-2]

The PM and  $PM_{10}$  emission rates from the one (1) grinding system, identified as EU-14, shall not exceed 12.0 pounds per hour each, equivalent to 52.6 tons of PM and  $PM_{10}$  per year. These limits shall limit the potential to emit PM from the entire source to less than two hundred fifty (250) tons per year and the potential to emit  $PM_{10}$  from the entire source to less than one hundred (100) tons per year. Compliance with these limits shall render the requirements of 326 IAC 2-2 and 326 IAC 2-7 not applicable.

#### D.2.2 Particulate [326 IAC 6-3-2]

Pursuant to T 113-6949-00008, issued on January 19, 1999 and 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate from the one (1) grinding system, identified as EU-14, shall not exceed 3.82 pounds per hour when operating at a process weight rate of 0.900 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

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

#### D.2.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for one (1) grinding system, identified as EU-14 and its control device.

### Compliance Determination Requirements

#### D.2.4 Particulate Control

In order to comply with Conditions D.2.1 and D.2.2, the HEPA filters for particulate control shall be in operation and control emissions from the one (1) grinding system, identified as EU-14 at all times that the one (1) grinding system, identified as EU-14 is in operation.

#### D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Within one hundred eighty (180) days after the issuance of this permit, to demonstrate compliance with Condition D.2.1, the Permittee shall perform PM and  $PM_{10}$  testing on Stack 14 for the one (1) grinding system, identified as EU-14, 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.  $PM_{10}$  includes filterable and condensable  $PM_{10}$ . Testing shall be conducted in accordance with Section C- Performance Testing.

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

### **D.2.6 Monitoring**

---

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the HEPA filters. To monitor the performance of the HEPA filters, weekly observations shall be made of the visible emissions from Stack 14 while the one (1) grinding system, identified as EU-14 is 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 grinding emissions from the stack and the presence of visible emissions 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 visible emissions, or evidence of visible emissions are 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.

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

### **D.2.7 Record Keeping Requirements**

---

- (b) To document compliance with Conditions D.2.6(a) and (b), the Permittee shall maintain records of the results of the inspections required under Conditions D.2.6(a) and (b).
- (c) To document compliance with Condition D.2.6(c), the Permittee shall maintain of records of any additional inspections prescribed by the Preventive Maintenance Plan.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

## SECTION D.3

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

- (a) Source-wide natural gas-fired combustion, rated at 34.62 million British thermal units per hour total, consisting of the following:
- (1) Three (3) air makeup units, heat input capacity: 5.00 million British thermal units per hour each;
  - (2) Eight (8) heaters/air conditioners, heat input capacity: 0.475 million British thermal units per hour each;
  - (3) Twenty-five (25) natural gas-fired space heaters, heat input capacity: 0.150 million British thermal units per hour each;
  - (4) Three (3) bonders, heat input capacity: 0.800 million British thermal units per hour each;
  - (5) Three (3) parts washers, heat input capacity: 0.650 million British thermal units per hour each;
  - (6) One (1) parts washer, heat input capacity: 0.880 million British thermal units per hour;
  - (7) One (1) parts washer, heat input capacity: 1.80 million British thermal units per hour;
  - (8) One (1) parts washer, heat input capacity: 4.80 million British thermal units per hour; and
  - (9) Three (3) office furnaces, heat input capacity: 0.080 million British thermal units per hour each.
- (b) Three (3) metal inert gas (MIG) welding stations, using L50 welding wire, capacity: 6.00 pounds of welding wire per hour each.
- (c) Paved and unpaved roads and parking lots with public access.
- (d) Grinding and machining operation controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, consisting of the following:
- One (1) bullard system, consisting of eight (8) bullard machines, equipped with torit filters for PM and PM<sub>10</sub> control, capacity: 85 parts (3,443 pounds) 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 2-8-4(1)]

#### D.3.1 Volatile Organic Compounds (VOC) [326 IAC 2-8-4]

Any change or modification that increases the potential to emit from insignificant activities to greater than 0.834 tons of VOC per year may render the requirements of 326 IAC 2-7 applicable and shall require prior IDEM, OAQ approval.

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

Pursuant to T 113-6949-00008, issued on January 19, 1999 and 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate from the insignificant bullard

system, shall not exceed 5.90 pounds per hour when operating at a process weight rate of 1.72 tons per hour.

The pounds per hour limitation was calculated with the following equation:

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

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

**D.3.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

---

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the insignificant shoe grinders and the insignificant bullard system and any control devices.

**Compliance Determination Requirements**

**D.3.4 Particulate Control**

---

In order to comply with Condition D.3.2, the torit filters for particulate control shall be in operation and control emissions from the insignificant bullard system at all times that the insignificant bullard system is in operation.

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

There are no specific Compliance Monitoring Requirements applicable to these insignificant activities.

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

There are no specific Record Keeping and Reporting Requirements applicable to these insignificant activities

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

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

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008

**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**

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

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008

**This form consists of 2 pages**

**Page 1 of 2**

- |   |
|---|
| <p>9 This is an emergency as defined in 326 IAC 2-7-1(12)</p> <ul style="list-style-type: none"><li>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); and</li><li>C 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</li></ul> |
|---|

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

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

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

Page 2 of 2

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

Form Completed by: \_\_\_\_\_

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

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

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

A certification is not required for this report.

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

**FESOP Quarterly Report**

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008  
Facilities: Surface Coating Operations (EU-06, EU-07, EU-11, EU-12, and EU-15)  
Parameter: Individual HAP Usage  
Limit: Total not to exceed 9.70 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

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

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

- 9 No deviation occurred in this quarter.
- 9 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**

**FESOP Quarterly Report**

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008  
Facilities: Surface Coating Operations (EU-06, EU-07, EU-11, EU-12, and EU-15)  
Parameter: Combination of HAPs Usage  
Limit: Total not to exceed 24.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

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

Month	Combination of HAPs Usage (tons)	Combination of HAPs Usage (tons)	Combination of HAPs Usage (tons)
	This Month	Previous 11 Months	12 Month Total

- 9 No deviation occurred in this quarter.
- 9 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**

**FESOP Quarterly Report**

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008  
Facility: Spray Paint Booth (EU-15)  
Parameter: Input of solids  
Limit: Not to exceed 99.6 tons per twelve consecutive month period with compliance determined at the end of each month, equivalent to 24.9 tons of PM and PM<sub>10</sub> per year each.

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

Month	Input of Solids (tons)	Input of Solids (tons)	Input of Solids (tons)
	This Month	Previous 11 Months	12 Month Total

- 9 No deviation occurred in this quarter.
- 9 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**

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

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008

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".	
<input checked="" type="radio"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.	
<input type="radio"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	Duration of Deviation:
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

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

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

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 Minor Permit Revision to a  
Federally Enforceable State Operating Permit

**Source Background and Description**

<b>Source Name:</b>	<b>Dexter Axle Company</b>
<b>Source Location:</b>	<b>500 South Seventh Street, Albion, Indiana 46701</b>
<b>County:</b>	<b>Noble</b>
<b>SIC Code:</b>	<b>3714</b>
<b>Operation Permit No.:</b>	<b>F 113-17172-00008</b>
<b>Operation Permit Issuance Date:</b>	<b>March 23, 2004</b>
<b>Minor Permit Revision No.:</b>	<b>MPR 113-19132-00008</b>
<b>Permit Reviewer:</b>	<b>Michael S. Schaffer</b>

The Office of Air Quality (OAQ) has reviewed a minor permit revision application from Dexter Axle Company relating to the construction and operation of the following emission unit and pollution control devices:

One (1) spray paint booth, identified as EU-15, equipped with eleven (11) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 15, capacity: 429 metal brake parts per hour.

**History**

On May 6, 2004, Dexter Axle Company submitted an application to the OAQ requesting to add additional spray paint booth (EU-15) to their existing plant. Dexter Axle Company was issued a Federally Enforceable State Operating Permit (FESOP) on March 23, 2004. Dexter Axle Company has requested to incorporate the emissions from the proposed spray paint booth in each existing surface coating emission limitation that is currently in Section D.1 of F 113-17172-00008, issued on March 23, 2004.

**Enforcement Issue**

There are no enforcement actions pending.

**Stack Summary**

<b>Stack ID</b>	<b>Operation</b>	<b>Height (feet)</b>	<b>Diameter (feet)</b>	<b>Flow Rate (acfm)</b>	<b>Temperature (EF)</b>
Stack 15	Spray paint booth (EU-15)	32.0	2.0	10,900	70.0

### Recommendation

The staff recommends to the Commissioner that the FESOP Minor Permit Revision be approved. This recommendation is based on the following facts and conditions:  
Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on May 6, 2004.

### Emission Calculations

See Pages 1 and 2 of 2 in Appendix A of this document for detailed emissions calculations.

### Potential To Emit of Revision

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.

This table reflects the PTE before controls for this revision. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

<b>Pollutant</b>	<b>Potential To Emit (tons/year)</b>
PM	28.0
PM <sub>10</sub>	28.0
SO <sub>2</sub>	-
VOC	13.2
CO	-
NO <sub>x</sub>	-

  

<b>HAPs</b>	<b>Potential To Emit (tons/year)</b>
Glycol Ethers	9.82
<b>TOTAL</b>	<b>9.82</b>

### Justification for Revision

The FESOP is being revised through a FESOP Minor Permit Revision. This revision is being performed pursuant to 326 IAC 2-8-11.1(d)(5)(E), since the raw material throughput will be limited in this revision to limit the potential to emit PM and PM<sub>10</sub> of the revision to less than twenty-five (25) tons per year each.

Pursuant to 326 IAC 2-8-11.1(d)(5)(E), the input of solids to proposed spray paint booth (EU-15) will not exceed 99.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to 24.9 tons of PM and PM<sub>10</sub> per year each, based on a minimum transfer efficiency and minimum control efficiency of fifty percent (50%) each.

Note that even though the proposed spray paint booth (EU-15) is identical to spray paint booth (EU-11), this revision cannot be performed as an administrative amendment under 326 IAC 2-8-10(a)(14) because the proposed spray paint booth (EU-15) will have to comply with some applicable requirements or permit terms that are different from spray paint booth (EU-11). Specifically, the requirements of 326 IAC 8-2-9. See the State Rule Applicability - Individual Facilities section of this document for further details.

**County Attainment Status**

The source is located in Noble County.

Pollutant	Status
PM <sub>10</sub>	attainment
SO <sub>2</sub>	attainment
NO <sub>2</sub>	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. Noble 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) Noble County has been classified as attainment or unclassifiable for all remaining criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

**Source Status**

Existing Source PSD Definition (emissions after controls, based upon 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/year)
PM	82.9
PM <sub>10</sub>	66.1
SO <sub>2</sub>	0.091
VOC	86.6
CO	12.7

Pollutant	Emissions (tons/year)
NO <sub>x</sub>	15.2

- (a) This existing source is not a major stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the 28 listed source categories.
- (b) These emissions are based upon the Page 7 of the TSD from F 113-17172-00008, issued on March 23, 2004.

**Potential to Emit of Revision After Issuance**

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units after controls. The control equipment is considered federally enforceable only after issuance of this FESOP revision.

Process/facility	Potential to Emit (tons/year)						
	PM	PM <sub>10</sub>	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	HAPs
Surface Coating (EU-06, EU-07, EU-11, and EU-12 (Existing), and EU-15 (Proposed))	Existing 4.48 Proposed 24.9	Existing 4.48 Proposed 24.9	-	Existing 85.8 Proposed 13.2	-	-	Single 9.70 Total 24.6
Source-wide Insignificant Natural Gas Combustion	0.288	1.15	0.091	0.834	12.7	15.2	Single 0.273 Total 0.286
Insignificant MIG Welding	1.90	1.90	-	-	-	-	Single 0.003 Total 0.004
Grinding EU-14	52.6	52.6	-	-	-	-	-
Insignificant Bullard System	12.8	1.28	-	-	-	-	-
Unpaved Roads	10.83	4.73	-	-	-	-	-
Total Emissions	108	91.0	0.091	99.8	12.7	15.2	Single <10 Total <25

This revision to the existing FESOP will **not** change the status of the stationary source because the emissions from the entire source will still be limited to less than the Part 70 major source thresholds.

Pursuant to 326 IAC 2-8-11.1(d)(5)(E), the input of solids to proposed spray paint booth (EU-15) will not exceed 99.6 tons per twelve consecutive month period with compliance determined at the end of each month, equivalent to 24.9 tons of PM and PM<sub>10</sub> per year each, based on a minimum transfer efficiency and minimum control efficiency of fifty percent (50%) each.

Any change or modification that increases the potential to emit from EU-06, EU-07, EU-11, EU-12,

and EU-15 to greater than a total of 99.0 tons of VOC per year may render the requirements of 326 IAC 2-7 applicable and will require prior IDEM, OAQ approval.

Any change or modification that increases the potential to emit from insignificant activities to greater than 0.834 tons of VOC per year may render the requirements of 326 IAC 2-7 applicable and will require prior IDEM, OAQ approval.

### **Federal Rule Applicability**

- (a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this proposed revision.
- (b) This revision is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs), Subpart M because pursuant 326 IAC 2-8-4, the potential to emit of the entire source is limited to less than ten (10) tons per year of any single HAP and twenty-five (25) tons per year of any combination of HAPs.

### **State Rule Applicability - Individual Facilities**

All requirements applicable to this source shall remain applicable in this revision. Additional State rule applicability determination is as follows:

#### **326 IAC 2-2 (Prevention of Significant Deterioration (PSD))**

- (a) EU-06, EU-07, EU-11, EU-12, and EU-14 were all constructed prior to August 7, 1977. In addition, the potential to emit from EU-06, EU-07, EU-11, EU-12, and EU-14 was less than 250 tons of VOC, PM, and PM<sub>10</sub> per year after controls and this source is not one of the 28 listed major PSD source categories. Therefore, this source was operating EU-06, EU-07, EU-11, EU-12, and EU-14 as a minor source and a PSD permit pursuant 326 IAC 2-2, was not required.
- (b) The potential to emit VOC from EU-07, constructed in 2000, was less than two hundred fifty (250) tons per year. Therefore, the construction of this emission unit was considered a minor modification to an existing minor PSD source.
- (c) The potential to emit VOC from the proposed spray paint booth (EU-15), is less than two hundred fifty (250) tons per year. Therefore, the construction of this emission unit is considered a minor modification to an existing minor PSD source.
- (d) This source is a minor PSD source because pursuant to 326 IAC 2-8-4 (FESOP), the potential to emit PM<sub>10</sub> and VOC will continue to be limited less than one hundred (100) tons per year for the entire source. In addition the potential to emit PM will continue to be less than two hundred fifty (250) tons per year after controls.

#### **326 IAC 2-4.1-1 (New source toxics control)**

The proposed spray paint booth (EU-15) will be included in the existing FESOP limitations which limit the potential to emit any single HAP from the entire source to less than ten (10) tons per year and the potential to emit any combination of HAPs from the entire source to less than twenty-five (25) tons per year. Therefore, the requirements of 326 IAC 2-4.1-1 will not apply to the proposed spray paint booth (EU-15).

#### **326 IAC 2-8-4 (FESOP)**

The proposed spray paint booth will be included in the existing FESOP limitations as follows:

- (a) The use of any individual HAP, including coatings, dilution solvents, and cleaning solvents from the five (5) surface coating operations, identified as EU-06, EU-07, EU-11, EU-12, and EU-15 will not exceed a total of 9.70 tons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of any single HAP from the entire source to less than ten (10) tons per year. Compliance with this limitation will render the requirements of 326 IAC 2-7 and 40 CFR 63, Subpart M not applicable.
- (b) The use of any combination of HAPs, including coatings, dilution solvents, and cleaning solvents from the five (5) surface coating operations, identified as EU-06, EU-07, EU-11, EU-12, and EU-15 will not exceed a total of 24.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of any combination of HAPs from the entire source to less than ten (25) tons per year. Compliance with this limitation will render the requirements of 326 IAC 2-7 and 40 CFR 63, Subpart M not applicable.

In addition, as result of this revision, the following will also be required:

- (c) Any change or modification that increases the potential to emit from EU-06, EU-07, EU-11, EU-12, and EU-15 to greater than a total of 99.0 tons of VOC per year may render the requirements of 326 IAC 2-7 applicable and will require prior IDEM, OAQ approval.
- (d) Any change or modification that increases the potential to emit from insignificant activities to greater than 0.834 tons of VOC per year may render the requirements of 326 IAC 2-7 applicable and will require prior IDEM, OAQ approval.

#### 326 IAC 2-8-11.1(d) (FESOP Minor Permit Revision)

Pursuant to 326 IAC 2-8-11.1(d)(5)(E), the input of solids to proposed spray paint booth (EU-15) will not exceed 99.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to 24.9 tons of PM and PM<sub>10</sub> per year each, based on a minimum transfer efficiency and minimum control efficiency of fifty percent (50%) each.

On June 12, 2002, revisions to 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes) became effective; this rule was previously referred to as 326 IAC 6-3 (Process Operations). As of the date this permit is being issued these revisions have not been approved by EPA into the Indiana State Implementation Plan (SIP); therefore, the following requirements from the previous version of 326 IAC 6-3 (Process Operations) which has been approved into the SIP will remain applicable requirements until the revisions to 326 IAC 6-3 are approved into the SIP and the condition is modified in a subsequent permit action.

326 IAC 6-3-2 (Process Operations)

Pursuant to 40 CFR 52 Subpart P the particulate matter (PM) from the proposed spray paint booth (EU-15) 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:

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

or

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

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

Under the rule revision, particulate from the spray paint booth, identified EU-15, shall be controlled by dry filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications

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

The proposed spray paint booth, identified as EU-15, will coat metal under two (2) digit Standard Industrial Classification Code 35 and has a potential to emit greater than fifteen (15) pounds of VOC per day. Therefore, the following requirements are applicable to this emission unit:

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator at proposed spray paint booth, identified as EU-15, shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for air dried coatings.
- (b) Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

Not all of the coatings used at the one (1) proposed spray paint booth, identified as EU-15, would be in compliance with this requirement. The source will comply with this rule by calculating the daily volume weighted average of VOC content for the one (1) proposed spray paint booth, identified EU-15, using the following equation:

$$A = [ \sum C \times U ] / \sum U$$

Where: A = The volume weighted average in pounds VOC per gallon less water as applied;

- C = VOC content of the coating in pounds VOC per gallon less water as applied; and
- U = The usage rate of the coating in gallons per day.

### Compliance Requirements

Permits issued under 326 IAC 2-8 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 2-8-4. 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:

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks (Stacks 11, 12, and 15) 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.
- (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.

### Testing Requirements

The compliance monitoring requirements that will be required for the dry filters at the proposed spray paint booth (EU-15) will provide sufficient compliance with the FESOP minor permit revision limitation. Therefore, no additional testing requirements will be required as result of this revision.

### Proposed Changes

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

language appears in **bold**):

**Change 1:**

As a result this revision, Condition A.2 as well as the equipment description boxes in Sections D.1 and D.2, have been revised as follows:

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

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

**(e) One (1) spray paint booth, identified as EU-15, equipped with eleven (11) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 15, capacity: 429 metal brake parts per hour.**

~~(e)~~ **(f)** One (1) grinding system constructed in 1975, identified as EU-14, equipped with six (6) grinders and a HEPA filtration system, identified as CE-14, for particulate control, exhausting to Stack 14, capacity: 1,800 pounds of friction material per hour.

SECTION D.1

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Surface Coating Operations

**(e) One (1) spray paint booth, identified as EU-15, equipped with eleven (11) high volume low pressure (HVLP) spray guns and dry filters to control particulate overspray, exhausting to Stack 15, capacity: 429 metal brake parts per hour.**

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

SECTION D.2

FACILITY OPERATION CONDITIONS

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

~~(e)~~ **(f)** One (1) grinding system constructed in 1975, identified as EU-14, equipped with six (6) grinders and a HEPA filtration system, identified as CE-14, for particulate control, exhausting to Stack 14, capacity: 1,800 pounds of friction material per hour.

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

**Change 2:**

As a result of this revision, the existing FESOP limits in Condition D.1.1 have been revised as follows:

**D.1.1 Volatile Organic Compounds (VOC) and Hazardous Air Pollutants (HAPs) [326 IAC 2-8-4] [40 CFR 63, Subpart M]**

- (a) The use of any individual HAP, including coatings, dilution solvents, and cleaning solvents from the ~~four (4)~~ **five (5)** surface coating operations, identified as EU-06, EU-07, EU-11, ~~and EU-12,~~ **and EU-15** shall not exceed a total of 9.70 tons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of any single HAP from the entire source to less than ten (10) tons per year. Compliance with this limitation shall render the requirements of 326 IAC 2-7 and 40 CFR 63, Subpart M not applicable.
- (b) The use of any combination of HAPs, including coatings, dilution solvents, and cleaning solvents from the ~~four (4)~~ **five (5)** surface coating operations, identified as EU-06, EU-07, EU-11, ~~and EU-12,~~ **and EU-15** shall not exceed a total of 24.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month. This usage limit is required to limit the potential to emit of any combination of HAPs from the entire source to less than ten (25) tons per year. Compliance with this limitation shall render the requirements of 326 IAC 2-7 and 40 CFR 63, Subpart M not applicable.
- (c) **Any change or modification that increases the potential to emit from EU-06, EU-07, EU-11, EU-12, and EU-15 to greater than a total of 99.0 tons of VOC per year may render the requirements of 326 IAC 2-7 applicable and shall require prior IDEM, OAQ approval.**

**Change 3:**

Since the proposed spray paint booth (EU-15) is subject to the requirements of 326 IAC 8-2-9, Conditions D.1.2 and D.1.3 have been revised as follows:

**D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-2-9]**

Pursuant to 326 IAC 8-2-9, the owner or operator shall not allow the discharge into the atmosphere VOC from the one (1) metal backing plate dip tank, identified as EU-07 **and one (1) spray paint booth, identified as EU-15**, in excess of, three and five-tenths (3.5) pounds of VOC per gallon of coating, excluding water delivered to the applicator for air dried or forced warm air dried coatings.

**D.1.3 Volatile Organic Compounds (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]**

Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of EU-07 **and EU-15** during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

**Change 4:**

Since this source elected to limit PM and PM<sub>10</sub> emissions from the proposed spray paint booth (EU-15) of less than twenty-five (25) tons per year in order to make this revision a minor permit revision under 326 IAC 2-8-11.1(d)(5)(E). As a result, Condition D.1.4 has been added as follows:

**D.1.4 Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM<sub>10</sub>) [326 IAC 2-8-11.1(d)(5)(E)]**

Pursuant to 326 IAC 2-8-11.1(d)(5)(E), the input of solids to proposed spray paint booth (EU-15) shall not exceed 99.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month, equivalent to 24.9 tons of PM and PM<sub>10</sub> per year each, based on a minimum transfer efficiency and minimum control efficiency of fifty percent (50%) each.

**Change 5:**

Since the proposed spray booth (EU-15) is subject to the requirements of 40 CFR 52, Subpart P, the proposed spray paint booth (EU-15) has been added to Conditions D.1.4 and D.1.5 (now Conditions D.1.5 and D.1.6) as follows:

**D.1.4 5 Particulate Matter (PM) [40 CFR 52, Subpart P]**

Pursuant to T 113-6949-00008, issued on January 19, 1999, and 40 CFR 52 Subpart P 40 CFR 52 Subpart P, the PM from the ~~two (2)~~ **three (3)** spray paint booths (EU-11, ~~and~~ EU-12, **and EU-15**) shall not exceed the pound per hour emission rate established as E in the following formula:

**D.1.5 6 Particulate [326 IAC 6-3-2(d)]**

Pursuant to T 113-6949-00008, issued on January 19, 1999 and 326 IAC 6-3-2(d), particulate from the **three (3)** spray paint booths (EU-11, ~~and~~ EU-12, **and EU-15**) shall be controlled dry filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

**Change 6:**

Since the source was required to submit a PMP in F 113-17172-00008, issued on March 23, 2004 for EU-11 and this source will be operating identical equipment in EU-15, Condition D.1.6 (now Condition D.1.7) has been revised as follows:

**D.1.6 7 Preventive Maintenance Plan [326 IAC 2-8-4(9)]**

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for EU-11, ~~and~~ EU-12, **and EU-15 and as well as** any control devices.

**Change 7:**

Since Condition D.1.1(c) has been added and the proposed spray paint booth (EU-15) will be required to calculate a daily volume weighted average to demonstrate compliance the requirements Condition D.1.2, Condition D.1.8 (now Condition D.1.9) has been revised as follows:

**D.1.8 9 Volatile Organic Compounds (VOC) [326 IAC 8-1-2] [326 IAC 8-1-4]**

- (a)** Compliance with the VOC requirements for all surface coating operations as well as the content limitation for EU-07 contained in Conditions D.1.1(c) and D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.
- (b)** Compliance with the VOC content limit for EU-15 contained in Condition D.1.2 shall be determined pursuant to 326 IAC 8-1-2(a)(7), using a volume weighted average of coatings on a daily basis. This volume weighted average shall be determined by the following equation:

$$A = [ 3 C \times U ] / 3 U$$

- Where:**
- A = The volume weighted average in pounds VOC per gallon less water as applied;**
  - C = VOC content of the coating in pounds VOC per gallon less water as applied; and**
  - U = The usage rate of the coating in gallons per day.**

**Change 8:**

The source is required to daily inspections of the dry filters that control particulate from the proposed spray paint booth (EU-15) in order to demonstrate compliance with 326 IAC 2-8-4 and 40 CFR 52, Subpart P. Therefore, Condition D.1.9(a) (now Condition D.1.10(a)) has been revised as follows:

**D.1.910 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 surface coating booth stacks (Stacks 11, ~~and 12,~~ **and 15**) 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.

**Change 9:**

As a result Changes 1 - 7, Condition D.1.10 (now Condition D.1.11) has been revised as follows:

**D.1.10 11 Record Keeping Requirements**

- 
- (a) To document compliance with Conditions D.1.1 and D.1.2, the Permittee shall maintain records in accordance with (1) through ~~(5)~~ **(6)** below. Records maintained for (1) through ~~(5)~~ **(6)** shall be taken monthly and shall be complete and sufficient to establish compliance with the HAPs usage limits ~~and/or~~ **as well as** the VOC **requirement and** content limits established in Conditions D.1.1 and D.1.2. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
- (1) The VOC and HAP content of each coating material and solvent used.
  - (2) The amount of coating material and solvent less water used on monthly basis.
    - (A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
    - (B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.
  - (3) The volume weighted average VOC content of the coatings used for each day at EU-15**
  - ~~(3)~~ **(4)** The cleanup solvent usage for each month;
  - ~~(4)~~ **(5)** The total **VOC and** HAP usage for each month; and

- ~~(5)~~ (6) The weight of **VOC and HAPs** emitted for each compliance period.
- (b) **To document compliance with Condition D.1.4, the Permittee shall maintain records of the input of solids to EU-15 each month.**
- ~~(b)~~ (c) To document compliance with Condition D.1.9 **10**, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- ~~(c)~~ (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**Change 10:**

The quarterly reporting requirements in Condition D.1.11 (now Condition D.1.12) has been revised to include the reporting for Condition D.1.4. In addition, the existing quarterly report forms have been revised to include EU-15 and the quarterly report form for Condition D.1.4 has been added. The changes are as follows:

**D.1.12 Reporting Requirements**

A quarterly summary of the information to document compliance with Conditions D.1.1(a) and (b) **as well as Condition D.1.4** shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

FESOP Quarterly Report

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008  
Facilities: Surface Coating Operations (EU-06, EU-07, EU-11, ~~and~~ EU-12, **and EU-15**)  
Parameter: Individual HAP Usage  
Limit: Total not to exceed 9.70 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

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

FESOP Quarterly Report

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008  
Facilities: Surface Coating Operations (EU-06, EU-07, EU-11, and EU-12, and EU-15)  
Parameter: Combination of HAPs Usage  
Limit: Total not to exceed 24.6 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

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

FESOP Quarterly Report

Source Name: Dexter Axle Company  
Source Address: 500 South Seventh Street, Albion, Indiana 46701  
Mailing Address: P.O. Box 108, Albion, Indiana 46701  
FESOP No.: F 113-17172-00008  
Facility: Spray Paint Booth (EU-15)  
Parameter: Input of solids  
Limit: Not to exceed 99.6 tons per twelve consecutive month period with compliance determined at the end of each month, equivalent to 24.9 tons of PM and PM<sub>10</sub> per year each.

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

Month	Input of Solids (tons)	Input of Solids (tons)	Input of Solids (tons)
	This Month	Previous 11 Months	12 Month Total

- 9 No deviation occurred in this quarter.
  - 9 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.**

**Change 11:**

As a result of this revision, the equipment description box in Section D.3 has been revised to reflect all of the sources insignificant activities and Condition D.3.1 has been added as follows:

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Machining Activities

- (a) **Source-wide natural gas-fired combustion, rated at 34.62 million British thermal units per hour total, consisting of the following:**
- (1) **Three (3) air makeup units, heat input capacity: 5.00 million British thermal units per hour each;**
  - (2) **Eight (8) heaters/air conditioners, heat input capacity: 0.475 million British thermal units per hour each;**
  - (3) **Twenty-five (25) natural gas-fired space heaters, heat input capacity: 0.150 million British thermal units per hour each;**
  - (4) **Three (3) bonders, heat input capacity: 0.800 million British thermal units per hour each;**
  - (5) **Three (3) parts washers, heat input capacity: 0.650 million British thermal units per hour each;**
  - (6) **One (1) parts washer, heat input capacity: 0.880 million British thermal units per hour;**
  - (7) **One (1) parts washer, heat input capacity: 1.80 million British thermal units per hour;**
  - (8) **One (1) parts washer, heat input capacity: 4.80 million British thermal units per hour; and**
  - (9) **Three (3) office furnaces, heat input capacity: 0.080 million British thermal units per hour each.**
- (b) **Three (3) metal inert gas (MIG) welding stations, using L50 welding wire, capacity: 6.00 pounds of welding wire per hour each.**
- (c) **Paved and unpaved roads and parking lots with public access.**
- (d) **Grinding and machining operation controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, consisting of the following:**
- One (1) bullard system, consisting of eight (8) bullard machines, equipped with torit filters for PM and PM<sub>10</sub> control, capacity: 85 parts (3,443 pounds) per hour.**

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

**D.3.1 Volatile Organic Compounds (VOC) [326 IAC 2-8-4]**

---

**Any change or modification that increases the potential to emit from insignificant activities to greater than 0.834 tons of VOC per year may render the requirements of 326 IAC 2-7 applicable and shall require prior IDEM, OAQ approval.**

**Change 12:**

As result of adding Condition D.3.1 to this revision, Condition D.3.3 (now Condition D.3.4) has been revised as follows:

**D.3.3 4 Particulate Control**

---

In order to comply with Condition D.3.4 2, the torit filters for particulate control shall be in operation and control emissions from the insignificant bullard system at all times that the insignificant bullard system is in operation.

**Conclusion**

The construction and operation of this proposed revision shall be subject to the conditions of the attached proposed FESOP Minor Permit Revision No. MPR 113-19132-00008.

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

**Company Name: Dexter Axle Company  
Address City IN Zip: 500 South Seventh Street, Albion, Indiana 46701  
Minor Permit Revision: MPR 113-19132  
Plt ID: 113-00008  
Reviewer: Michael S. Schaffer  
Application Date: May 6, 2004**

Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (units/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 (tons/yr)	lbs VOC/gal solids	Transfer Efficiency
<b>Spray Paint Booth EU-15</b>																
Black (water based)	11.29	53.80%	44.36%	9.44%	60.12%	37.14%	0.0055	429	2.67	1.07	2.51	60.4	11.0	13.5	2.87	75.0%
Tan (water based)	12.50	41.50%	37.77%	3.73%	0.00%	42.0%	0.0065	429	0.466	0.466	1.30	31.2	5.69	22.3	1.11	75.0%
Red Enamel (water based)	12.00	42.50%	38.33%	4.17%	0.00%	43.2%	0.0065	429	0.500	0.500	1.40	33.5	6.11	21.1	1.16	75.0%
Red Oxide (water based)	12.30	43.00%	39.02%	3.98%	0.00%	41.0%	0.0085	429	0.490	0.490	1.79	42.8	7.82	28.0	1.19	75.0%
Blue Lacquer (water based)	8.42	86.43%	60.4%	26.0%	64.45%	22.7%	0.0032	429	6.17	2.19	3.01	72.2	13.2	1.72	9.66	75.0%

Note that all coatings are "as applied" to the applicators

PM	Control Efficiency	92.0%				
	<b>Uncontrolled</b>		<b>10.0</b>	<b>240</b>	<b>13.2</b>	<b>28.0</b>
	<b>Controlled</b>		<b>10.0</b>	<b>240</b>	<b>13.2</b>	<b>2.24</b>

Potential to Emit

Add worst case coating to all solvents

METHODOLOGY

- Pounds of VOC per Gallon Coating less Water = (Density (lbs/gal) \* Weight % Organics) / (1-Volume % water)
- Pounds of VOC per Gallon Coating = (Density (lbs/gal) \* Weight % Organics)
- Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lbs/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr)
- Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lbs/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr) \* (24 hr/day)
- Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lbs/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)
- Total = Worst Coating + Sum of all solvents used

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

**Company Name:** Dexter Axle Company  
**Address City IN Zip:** 500 South Seventh Street, Albion, Indiana 46701  
**Minor Permit Revision:** MPR 113-19132  
**PIt ID:** 113-00008  
**Reviewer:** Michael S. Schaffer  
**Application Date:** May 6, 2004

Material	Density (lbs/gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Glycol Ethers	Glycol Ether Emissions (tons/yr)
<b>Spray Paint Booth EU-15</b>					
Black (water based) W44250	11.29	0.0055	429	5.00%	5.83
Tan (water based) W44090	12.50	0.0065	429	5.00%	7.63
Red Enamel (water based) 3-0824	12.00	0.0065	429	1.30%	1.91
Red Oxide (water based) W44092	12.30	0.0085	429	5.00%	9.82
Blue Lacquer 5025	8.41	0.0032	429	6.56%	3.32

**9.82**  
**9.82**

**METHODOLOGY**

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