



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
[www.idem.IN.gov](http://www.idem.IN.gov)

TO: Interested Parties / Applicant

DATE: July 17, 2012

RE: General Motors LLC / 093 - 32085 - 00007

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

## Notice of Decision – Approval

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

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

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

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

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

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

Enclosures  
FNPER-AM.dot12/3/07



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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July 17, 2012

Mr. Tim Rienks  
General Motors, LLC  
105 GM Drive  
Bedford, IN 47421

Re: 093-32085-00007  
Fifth Administrative Amendment to  
Part 70 Renewal No.: T 093-26058-00007

Dear Mr. Rienks:

General Motors, LLC was issued a Part 70 Operating Permit Renewal on May 22, 2009 for an aluminum die casting facility and aluminum foundry located at 105 GM Drive, Bedford, in Indiana. A letter requesting changes to this permit was received on July 3, 2012. The source requested that the permit be updated to add new equipment. Pursuant to 326 IAC 2-7-11(a)(8)(A), these changes to the permit qualifies as an administrative permit amendment, since it is a revision that incorporates insignificant activities.

The following insignificant activities have been added:

- Two (2) natural gas hot water heaters, each with a nominal capacity of 0.225 MMBtu/hr;
- Two (2) natural gas heaters, each with a nominal capacity of 0.200 MMBtu/hr;
- One (1) 80 KW (133 hp) diesel powered emergency generator,
- One (1) natural gas sidewalk heater (hot water ), RC98i, 0.199 MMBtu/hr,
- Five (5) natural gas heaters, each with a nominal capacity of 0.300 MMBtu/hr.

Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

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

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

- .....
- (f) Activities associated with emergencies, including the following:
- (1) Emergency generators as follows:
    - (a) Diesel generators not exceeding one thousand six hundred (1,600) horsepower.
  - (2) Stationary fire pump engines.
  - (3) **One (1) 80 KW (133 hp) diesel powered emergency generator**

- (g) Natural gas-fired combustion sources with heat input equal to or less than ten (10) MMBtu/hr including but not limited to the following:

Three (3) production back-up mold preheat burners  
Two (2) Line 1 mold coat touch up area burners  
Two (2) Line 2 mold coat touch up area burners  
Two (2) Line 3 mold coat touch up area burners  
Six (6) Line 1 mold line carousel burners  
Six (6) Line 2 mold line carousel burners  
Six (6) Line 3 mold line carousel burners  
Six (6) mold preparation area burners, including mold preheat, mold coating, and mold decoating  
Two (2) solution heat treat furnaces  
Four (4) aging furnaces  
One (1) natural gas hot water heater with nominal capacity of 0.725 MMBtu/hr  
**Two (2) natural gas hot water heaters, each with a nominal capacity of 0.225 MMBtu/hr;**  
**Two (2) natural gas heaters, each with a nominal capacity of 0.200 MMBtu/hr;**  
**One (1) natural gas sidewalk heater (hot water ), RC98i, 0.199 MMBtu/hr,**  
**Five (5) natural gas heaters, each with a nominal capacity of 0.300 MMBtu/hr.**

.....

#### SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

.....

- (f) Activities associated with emergencies, including the following:
- (1) Emergency generators as follows:
    - (a) Diesel generators not exceeding one thousand six hundred (1,600) horsepower.
  - (2) Stationary fire pump engines.
  - (3) **One (1) 80 KW (133 hp) diesel powered emergency generator**

.....

#### SECTION E.2 EMISSIONS UNIT OPERATION CONDITIONS

- (f) Activities associated with emergencies, including the following:
- (1) Emergency generators as follows:
    - (a) Diesel generators not exceeding one thousand six hundred (1,600) horsepower.
  - (2) Stationary fire pump engines.
  - (3) **One (1) 80 KW (133 hp) diesel powered emergency generator**

## Summary of Global Permit Changes to Section A, B, C, D and E

**Change 1:** IDEM, OAQ has clarified the rule sites for the Preventive Maintenance Plan has made the following changes throughout the permit:

A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(14) (15)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary Petroleum Bulk Terminal Operation.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(14) (15)]

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)] 326 IAC 2-7-5(14) (15)]

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13) (12)] [326 IAC 2-7-6(1) and (6)][326 IAC 1-6-3]

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

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(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) (8) be revised in response to an emergency.

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

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

\*\*\*

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

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

\*\*\*

C.14 Risk Management Plan [326 IAC 2-7-5(1142)] [40 CFR 68]

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. **Support information includes the following:**

(AA) All calibration and maintenance records.

(BB) All original strip chart recordings for continuous monitoring instrumentation.

(CC) Copies of all reports required by the Part 70 permit.

Records of required monitoring information include the following:

- (AA) The date, place, as defined in this permit, and time of sampling or measurements.
- (BB) The dates analyses were performed.
- (CC) The company or entity that performed the analyses.
- (DD) The analytical techniques or methods used.
- (EE) The results of such analyses.
- (FF) The operating conditions as existing at the time of sampling or measurement.

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.

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C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

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- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. **Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of this paragraph.** Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

\*\*\*

SECTION D.1- D.7, E.1 TO E.4

**FACILITY OPERATION CONDITIONS**  
**EMISSIONS UNIT OPERATION CONDITIONS**

Emissions Unit Description:

Facility Description [326 IAC 2-7-5(14)]

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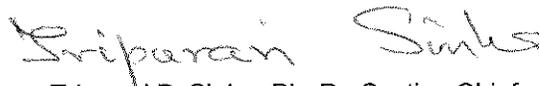
D.1.3 , D.5.3, D.6.2, D.7.3  
Preventive Maintenance Plan [326 IAC 2-7-5(1213)]

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All other conditions of the permit shall remain unchanged and in effect.

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 Anh Nguyen, OAQ, 100 North Senate Avenue, MC 61-53, Room 1003, Indianapolis, Indiana, 46204-2251, or call at (800) 451-6027, and ask for Anh Nguyen or extension (3-5334), or dial (317) 233-5334.

Sincerely,



Tripurari P. Sinha, Ph. D., Section Chief  
Permits Branch  
Office of Air Quality

Attachments:

Updated Permit  
PTE Calculations

AN

cc: File – Lawrence County  
Lawrence County Health Department  
U.S. EPA, Region V  
IDEM Southwest Regional Office  
Compliance and Enforcement Branch

Mr. Eric Gonzales  
General Motors, LLC  
105 GM Drive  
Bedford, IN 47421

Ms. Kathy Moore  
KERAMIDA, Inc.  
401 N. College Ave.  
Indianapolis, IN 46202



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## Part 70 Operating Permit Renewal OFFICE OF AIR QUALITY

**General Motors LLC  
105 GM Drive  
Bedford, Indiana 47421**

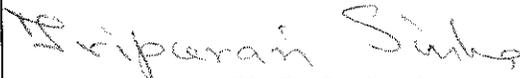
(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

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

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

Operation Permit No.: T 093-26058-00007	
Issued by:	Issuance Date: May 22, 2009
Tripurari P. Sinha, Ph. D., Section Chief Permits Branch Office of Air Quality	Expiration Date: May 22, 2014

First Administrative Amendment No.: 093-28250-00007  
Second Administrative Amendment No.: 093-28273-00007  
Third Administrative Amendment No.: 093-28615-00007  
Significant Permit Modification No.: 093-29428-00007  
Significant Permit Modification No.: 093-29428-00007  
Fourth Administrative Amendment No.: 093-31056-00007

Fifth Administrative Amendment No.: 093-32085-00007	
Issued by:	Issuance Date: July 17, 2012
 Tripurari P. Sinha, Ph. D., Section Chief Permits Branch Office of Air Quality	Expiration Date: May 22, 2014

## TABLE OF CONTENTS

### A. SOURCE SUMMARY

- A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)]
- A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)]  
[326 IAC 2-7-5(14)]
- A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)]  
[326 IAC 2-7-5(14)]
- A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

### B. GENERAL CONDITIONS

- B.1 Definitions [326 IAC 2-7-1]
- B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5][326 IAC 2-7-4(a)(1)(D)]  
[IC 13-15-3-6(a)]
- B.3 Term of Conditions [326 IAC 2-1.1-9.5]
- B.4 Enforceability [326 IAC 2-7-7] [IC 13-17-12]
- B.5 Severability [326 IAC 2-7-5(5)]
- B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]
- B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]
- B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]
- B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]
- B.10 Preventive Maintenance Plan [326 IAC 2-7-5( (12))][326 IAC 1-6-3]
- B.11 Emergency Provisions [326 IAC 2-7-16]
- B.12 Permit Shield [326 IAC 2-7-15][326 IAC 2-7-20][326 IAC 2-7-12]
- B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5][326 IAC 2-7-10.5]
- B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]
- B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]
- B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination  
[326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]
- B.17 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]
- B.18 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]
- B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]  
[326 IAC 2-7-12(b)(2)]
- B.20 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]
- B.21 Source Modification Requirement [326 IAC 2-7-10.5]
- B.22 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]
- B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]
- B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]
- B.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

### C. SOURCE OPERATION CONDITIONS

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

- C.1 Particulate Emission Limitations For Processes with Process Weight Rates  
Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]
- C.2 Opacity [326 IAC 5-1]
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
- C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]
- C.5 Fugitive Dust Emissions [326 IAC 6-4]
- C.6 Stack Height [326 IAC 1-7]
- C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

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

- C.8 Performance Testing [326 IAC 3-6]

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

- C.9 Compliance Requirements [326 IAC 2-1.1-11]

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

- C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]
- C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]
- C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)]  
[326 IAC 2-7-6(1)]

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

- C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]
- C.14 Risk Management Plan [326 IAC 2-7-5(11)] [40 CFR 68]
- C.15 Compliance Response Plan - Preparation, Implementation, Records, and Reports  
[326 IAC 2-7-5] [326 IAC 2-7-6]
- C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]  
[326 IAC 2-7-6]

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

- C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)]  
[326 IAC 2-6]
- C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]
- C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

**Stratospheric Ozone Protection**

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

**D.1. EMISSIONS UNIT OPERATION CONDITIONS - Chip Processing**

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

- D.1.1 PSD Minor Limit [326 IAC 2-2]
- D.1.2 Particulate [326 IAC 6-3-2]
- D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

**Compliance Determination Requirements**

- D.1.4 Control Device Operation
- D.1.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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

- D.1.6 Visible Emissions Notations
- D.1.7 Parametric Monitoring
- D.1.8 Broken or Failed Bag Detection

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

- D.1.9 Record Keeping Requirements
- D.1.10 Reporting Requirements

**D.2. EMISSIONS UNIT OPERATION CONDITIONS - Die Cast Melting & Piston Melting**

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

- D.2.1 PSD Minor Limit [326 IAC 2-2]
- D.2.2 HAPs Area Source Limit
- D.2.3 Particulate [326 IAC 6-3-2]
- D.2.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

- D.2.5 Record Keeping Requirements
- D.2.6 Reporting Requirements

### **D.3. EMISSIONS UNIT OPERATION CONDITIONS - Insignificant Activities**

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

- D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]
- D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]
- D.3.3 Particulate [326 IAC 6-3-2]

### **D.4. EMISSIONS UNIT OPERATION CONDITIONS - Semi-Permanent Mold Lines**

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

- D.4.1 Particulate [326 IAC 6-3-2]

### **D.5. EMISSIONS UNIT OPERATION CONDITIONS - Sand Mixing and Handling**

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

- D.5.1 PSD Minor Limit [326 IAC 2-2]
- D.5.2 Particulate [326 IAC 6-3-2]
- D.5.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

#### **Compliance Determination Requirements**

- D.5.4 Control Device Operation
- D.5.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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

- D.5.6 Visible Emissions Notations
- D.5.7 Parametric Monitoring
- D.5.8 Broken or Failed Bag Detection

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

- D.5.9 Record Keeping Requirements
- D.5.10 Reporting Requirements

### **D.6. EMISSIONS UNIT OPERATION CONDITIONS - Core Making**

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

- D.6.1 PSD Minor Limit [326 IAC 2-2]
- D.6.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

#### **Compliance Determination Requirements**

- D.6.3 Control Device Operation
- D.6.4 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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

- D.6.5 Parametric Monitoring
- D.6.6 Scrubber Failure Detection

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

- D.6.7 Record Keeping Requirements
- D.6.8 Reporting Requirements

### **D.7. EMISSIONS UNIT OPERATION CONDITIONS - Sand Reclamation**

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

- D.7.1 PSD Minor Limit [326 IAC 2-2]
- D.7.2 Particulate [326 IAC 6-3-2]
- D.7.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

#### **Compliance Determination Requirements**

- D.7.4 Control Device Operation

D.7.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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

- D.7.6 Visible Emissions Notations
- D.7.7 Parametric Monitoring
- D.7.8 Broken or Failed Bag Detection

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

- D.7.9 Record Keeping Requirements
- D.7.10 Reporting Requirements

**E.1. EMISSIONS UNIT OPERATION CONDITIONS**

National Emission Standards for Hazardous Air Pollutants Requirements [326 IAC 2-7-5(1)]

- E.1.1 General Provisions Relating to National Emissions Standards for Hazardous Air Pollutants Under 40 CFR Part 61 [326 IAC 14-1] [40 CFR Part 61, Subpart A]
- E.1.2 National Emissions Standards for Hazardous Air Pollutants for Secondary Aluminum Production [40 CFR Part 63, Subpart RRR] [326 IAC 326 IAC 20-70]

**E.2. EMISSIONS UNIT OPERATION CONDITIONS**

National Emission Standards for Hazardous Air Pollutants Requirements [326 IAC 2-7-5(1)]

- E.2.1 General Provisions Relating to National Emissions Standards for Hazardous Air Pollutants Under 40 CFR Part 61 [326 IAC 14-1] [40 CFR Part 61, Subpart A]
- E.2.2 National Emissions Standards for Hazardous Air Pollutants for Stationary Compression Ignition Internal Combustion Engines [40 CFR Part 63, Subpart ZZZZ]

**E.3. EMISSIONS UNIT OPERATION CONDITIONS**

National Emission Standards for Hazardous Air Pollutants Requirements [326 IAC 2-7-5(1)]

- E.3.1 General Provisions Relating to National Emissions Standards for Hazardous Air Pollutants Under 40 CFR Part 61 [326 IAC 14-1] [40 CFR Part 61, Subpart A]
- E.3.2 National Emissions Standards for Hazardous Air Pollutants for Area Source Standards for Aluminum, Copper, and other Non-ferrous Foundries [40 CFR Part 63, Subpart ZZZZZZ]

**E.4.EMISSION UNIT OPERATING CONDITIONS**

Standards of Performance for Calciners and Dryers in Mineral Processing Industries

- E.4.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR Part 60, Subpart A]
- E.4.2 Standards of Performance for Calciners and Dryers in Mineral Processing Industries [40 CFR Part 60, Subpart UUU]

**Certification**

**Emergency Occurrence Report**

**Quarterly Report**

**Quarterly Deviation and Compliance Monitoring Report**

**Attachment A – 40 CFR 63, Subpart RRR**

**Attachment B – 40 CFR 63, Subpart ZZZZ**

**Attachment C – 40 CFR 63, Subpart ZZZZZZ**

**Attachment D – 40 CFR 60, Subpart UUU**

## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)]

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The Permittee owns and operates a stationary aluminum die casting facility and aluminum foundry.

Source Address:	105 GM Drive, Bedford, Indiana 47421
General Source Phone Number:	812-279-7271
SIC Code:	3363, 3365
County Location:	Lawrence
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Minor Source, under PSD Area Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(14)]

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

#### Chip Processing

- (a) One (1) natural gas-fired aluminum chip dryer, identified as CHIP-2, with a maximum capacity of 7.60 tons of scrap aluminum chips per hour, and a nominal heat input capacity of 6.83 million Btu per hour for the chip dryer drum, using an afterburner and a baghouse, identified as AB-1, as control, constructed in 1974, and exhausting to stack 10.

#### Die Cast Melting

- (b) One (1) natural gas-fired reverberatory holding furnace, identified as RF-2 and as DC MELT B - #2, with a maximum capacity of 6.25 tons of metal per hour and 0.1 pounds of inorganic flux per ton of metal, and a maximum heat input capacity of 25 million Btu per hour, with emissions uncontrolled, constructed in 1999, and exhausting to stacks 2-1 and 2-2.
- (c) One (1) natural gas-fired reverberatory furnace, identified as RF-11 and as DC MELT A - #11, with a maximum capacity of 5.1 tons of metal per hour and 7 pounds of inorganic flux per ton of metal, and a maximum heat input capacity of 20.4 million Btu per hour, with emissions uncontrolled, constructed in 1974, and exhausting to stacks 55, 56, and RF-11-HS.
- (d) One (1) natural gas-fired reverberatory melting furnace, identified as RF-12 and as DC MELT A - #12, with a maximum capacity of 10.0 tons of metal per hour and 7 pounds of inorganic flux per ton of metal, and a maximum heat input capacity of 40.0 million Btu per hour, with emissions uncontrolled, constructed in 1996, and exhausting to stacks 57, 58, and 17.

- (e) One (1) natural gas-fired dry hearth furnace, identified as Number 10, with a maximum heat input capacity of 50 million British thermal units per hour, and a maximum capacity of 12.5 tons of aluminum per hour, with emissions uncontrolled, constructed in 2002, and exhausting to stacks DH-10-1, DH-10-2, and DH-10-3.
- (f) One (1) natural gas-fired dry hearth furnace, identified as DC No. 9, with a maximum capacity of 22.5 tons of aluminum per hour, a maximum inorganic flux usage of 7.0 pounds per ton of metal, and a maximum heat input capacity of 90 million British thermal units per hour, with emissions uncontrolled, constructed in 2006, and exhausting to stacks 9-1, 9-2, and 9-3.

### **SPM Melting Operations**

- (g) Three (3) natural gas-fired stack melting furnaces, identified as Line 1 Stack Melter, Line 2 Stack Melter, and Line 3 Stack Melter, approved for construction in 2010, each with a nominal capacity of five (5) tons of metal per hour, 0.1955 pounds of inorganic flux per ton of metal, and 0.1019 pounds of organic flux per ton of metal, and each with a heat input capacity of 11.1 MMBtu/hr with emissions from each controlled by a baghouse.

### **Semi-Permanent Mold (SPM) Lines**

- (o) Three (3) Semi-Permanent Mold (SPM) Lines consisting of pouring, cooling, and extraction, identified as SPM Line 1, SPM Line 2, and SPM Line 3, approved for construction in 2010, each with a nominal capacity of 60 molds per hour using 1.6 tons of molten aluminum and 2 tons of core sand per hour, with emissions from each controlled by a baghouse.

### **Core Room Operations**

- (p) Three (3) core sand silos with sand handling equipment, identified collectively as Sand Handling, approved for construction in 2010, each with a capacity of 60 tons, with emissions from all controlled by a baghouse.
- (q) Two (2) core sand mixers, identified as Sand Mix 1 and Sand Mix 2, approved for construction in 2010, with a nominal capacity of 22.5 tons per hour, each, with one unit operating and one unit as a backup, with emissions from each controlled by baghouse.
- (r) Five (5) epoxy acrylic core machines, identified as Core Make 1 through 5, approved for construction in 2010, each with a maximum capacity of 2.64 tons of cores per hour with 1.3% resin content, each using approximately 16 pounds per ton of sulfur dioxide catalyst, with four operating and one unit as a backup, with emissions from all controlled by a caustic scrubber.
- (s) One (1) natural gas-fired thermal sand reclamation system, identified as Sand Reclaim, with a maximum nominal capacity of 6.0 tons of sand per hour and a maximum heat input of 6.0 MMBtu/hr, with emissions controlled by a baghouse. [An affected facility under NSPS UUU].

### **A.3 Specifically Regulated Insignificant Activities** [326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)]

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

- (a) Degreasing operations that do not exceed one hundred forty-five (145) gallons per twelve (12) months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2, 326 IAC 8-3-5].

- (b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: [326 IAC 6-3-2].
  - (aa) Brazing.
  - (bb) Cutting torches.
  - (cc) Soldering.
  - (dd) Welding.
- (c) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors, and electrostatic precipitators with a design grain loading of less than or equal to three one-hundredths (0.03) grains per actual cubic foot and a gas flow rate less than or equal to four thousand (4,000) actual cubic feet per minute, including the following:
  - (AA) Deburring.
  - (BB) Buffing.
  - (CC) Polishing.
  - (DD) Abrasive blasting.
  - (EE) Pneumatic conveying.
  - (FF) Woodworking operations.
- (d) Emission units with PM and PM<sub>10</sub> emissions less than five (5) tons per year, SO<sub>2</sub>, NO<sub>x</sub>, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year.
  - (1) Chip and crushed material storage piles [326 IAC 6-4];
  - (2) Spinning Nozzle Injection Flux (SNIF) units [326 IAC 6-3-2];
  - (3) Refractory powder mixing stations [326 IAC 6-3-2];
  - (4) Maintenance cutoff saws [326 IAC 6-3-2];
  - (5) Ladle weigh stations [326 IAC 6-3-2];
  - (6) Die cast machines and associated small holding furnaces [326 IAC 6-3-2];
  - (7) Maintenance paint spray and mold coating booths [326 IAC 6-3-2];
  - (8) Covered and underground conveyors [326 IAC 6-3-2];
  - (9) Chip feed hoppers [326 IAC 6-3-2]; and
  - (10) EDM carbon etchers, tool sharpening, abrasive cleaning, and small sand blasters [326 IAC 6-3-2].
  - (11) Pre-machining operations controlled by mist collectors [326 IAC 6-3-2]

- (e) Combustion related activities, including natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour.
  - (1) One (1) natural gas-fired boiler, with two burners each with a nominal capacity of 0.75 MMBtu/hr, constructed in 2011 [326 IAC 6-2-4].
- (f) Activities associated with emergencies, including the following:
  - (1) Emergency generators as follows:
    - (a) Diesel generators not exceeding one thousand six hundred (1,600) horsepower.
  - (2) Stationary fire pump engines.
  - (3) One (1) 80 KW (133 hp) diesel powered emergency generator
- (g) Natural gas-fired combustion sources with heat input equal to or less than ten (10) MMBtu/hr including but not limited to the following:
  - Three (3) production back-up mold preheat burners
  - Two (2) Line 1 mold coat touch up area burners
  - Two (2) Line 2 mold coat touch up area burners
  - Two (2) Line 3 mold coat touch up area burners
  - Six (6) Line 1 mold line carousel burners
  - Six (6) Line 2 mold line carousel burners
  - Six (6) Line 3 mold line carousel burners
  - Six (6) mold preparation area burners, including mold preheat, mold coating, and mold decoating
  - Two (2) solution heat treat furnaces
  - Four (4) aging furnaces
  - One (1) natural gas hot water heater with nominal capacity of 0.725 MMBtu/hr
  - Two (2) natural gas hot water heaters, each with a nominal capacity of 0.225 MMBtu/hr;
  - Two (2) natural gas heaters, each with a nominal capacity of 0.200 MMBtu/hr;
  - One (1) natural gas sidewalk heater (hot water ), RC98i, 0.199 MMBtu/hr,
  - Five (5) natural gas heaters, each with a nominal capacity of 0.300 MMBtu/hr.

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

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

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

## SECTION B GENERAL CONDITIONS

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

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

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

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- (a) This permit, T 093-26058-00007, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

### B.4 Enforceability [326 IAC 2-7-7] [IC 13-17-12]

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

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

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

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

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

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

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- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the U.S. EPA along with a claim of confidentiality. [326 IAC 2-7-5(6)(E).]
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

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

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

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

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

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

and

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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
  - (1) The appropriate identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
  - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

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

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(12)][326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) including the following information on each facility:
  - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
  - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
  - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

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

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

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

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

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

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
  - (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
  - (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(8) be revised in response to an emergency.
  - (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
  - (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
  - (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

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

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

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

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

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

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- (a) All terms and conditions of permits established prior to T 093-26058-00007 and issued pursuant to permitting programs approved into the state implementation plan have been either:
- (1) incorporated as originally stated,
  - (2) revised under 326 IAC 2-7-10.5, or
  - (3) deleted under 326 IAC 2-7-10.5.
- (b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

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

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

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

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

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

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

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

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

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

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
- (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

- (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

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

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

Request for renewal shall be submitted to:

Indiana Department of Environmental Management  
Permit Administration and Support Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

- (b) A timely renewal application is one that is:
  - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
  - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

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

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

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

Indiana Department of Environmental Management  
Permit Administration and Support Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

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

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

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

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- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

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

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

Indiana Department of Environmental Management  
Permit Administration and Support Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

and

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

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

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

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

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

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

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

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

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

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

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

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

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

- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

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

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:  
  
Indiana Department of Environmental Management  
Permit Administration and Support Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251  
  
The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

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

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

B.25 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

## SECTION C

## SOURCE OPERATION CONDITIONS

Entire Source

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

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

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

**C.2 Opacity [326 IAC 5-1]**

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

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

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

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

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

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

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

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

**C.6 Stack Height [326 IAC 1-7]**

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

**C.7 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  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

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

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

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

### C.8 Performance Testing [326 IAC 3-6]

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- (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 and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

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

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

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

### C.9 Compliance Requirements [326 IAC 2-1.1-11]

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

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

### C.10 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)]

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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 or ninety (90) days of initial start-up, whichever is later. 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 and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

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

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

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

**C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]**

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

**C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

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

**C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) Upon direct notification by IDEM, OAQ that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

**C.14 Risk Management Plan [326 IAC 2-7-5(11)] [40 CFR 68]**

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

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

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- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. If a Permittee is required to have an Operation, Maintenance and Monitoring (OMM) Plan under 40 CFR 60/63, such plans shall be deemed to satisfy the requirements for a CRP for those compliance monitoring conditions. 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 comprised of:
  - (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.
  - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan to include such response steps taken.

The OMM Plan shall be submitted within the time frames specified by the applicable 40 CFR60/63 requirement.

- (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 Operation, Maintenance and Monitoring (OMM) Plan; or
  - (2) If none of the reasonable response steps listed in the Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) 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, or a violation of, 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, the IDEM, OAQ shall be promptly notified 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 deviation of the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
- (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
  - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.
  - (3) An automatic measurement was taken when the process was not operating.
  - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

- (d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.
- (e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.
- (f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

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

- (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 twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

**C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]**

- (a) Pursuant to 326 IAC 2-6-3(b)(3), starting in 2006 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:
  - (1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);
  - (2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-50 IGCN 1003  
Indianapolis, Indiana 46204-2251

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

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

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following:
- (AA) All calibration and maintenance records.
  - (BB) All original strip chart recordings for continuous monitoring instrumentation.
  - (CC) Copies of all reports required by the Part 70 permit.
- Records of required monitoring information include the following:
- (AA) The date, place, as defined in this permit, and time of sampling or measurements.
  - (BB) The dates analyses were performed.
  - (CC) The company or entity that performed the analyses.
  - (DD) The analytical techniques or methods used.
  - (EE) The results of such analyses.
  - (FF) The operating conditions as existing at the time of sampling or measurement.

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 or ninety (90) days of initial start-up, whichever is later.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

- (a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:
- Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

### **Stratospheric Ozone Protection**

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

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Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

## SECTION D.1

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(14)]:

#### Chip Processing

One (1) natural gas-fired aluminum thermal chip dryer, identified as CHIP-2, with a maximum capacity of 7.60 tons of scrap aluminum chips per hour, and a nominal heat input capacity of 6.83 million Btu per hour for the chip dryer drum, using an afterburner and a baghouse, identified as AB-1, as control, constructed in 1974, and exhausting to stack 10.

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

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

#### D.1.1 PSD Minor Limit [326 IAC 2-2]

Pursuant to SSM093-13639-00007, issued June 16, 2002, the Permittee shall comply with the following limitations:

- (a) The PM emissions from the thermal chip dryer (CHIP-2) shall not exceed 1.37 pounds per ton of metal.
- (b) The PM<sub>10</sub> emissions from the thermal chip dryer (CHIP-2) shall not exceed 1.37 pounds per ton of aluminum chips.
- (c) The VOC emissions from the thermal chip dryer (CHIP-2) shall not exceed 2.0 pounds per ton of aluminum chips.
- (d) Metal throughput to the thermal chip dryers (CHIP-2) shall not exceed 66576 tons per twelve (12) month consecutive period with compliance determined at the end of each month.

Compliance with the above limit combined with Conditions D.2.1, D.4.1, D.5.1, D.7.1, and the PTE of other emission unit, shall limit PM from the entire source to less than 250 tons per twelve (12) month consecutive period and render 326 IAC 2-2 not applicable to the entire source.

#### D.1.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes) and SSM 093-13639-00007 issued June 16, 2002, the particulate from the aluminum thermal chip dryer (CHIP-2) shall not exceed 15.96 pounds per hour when operating at a process weight rate of 7.60 tons of aluminum per hour. The pound 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:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and  
P = process weight rate in tons per hour

#### D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for the thermal chip dryer (CHIP-2), the baghouse and the afterburner. Section B- Preventive Maintenance Plan contains the Permittee's obligations with regard to Preventive Maintenance Plans.

## Compliance Determination Requirements

### D.1.4 Control Device Operation [[326 IAC 2-7-6]

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- (a) Pursuant to SSM 093-13639-00007, issued June 16, 2002, and in order to comply with Condition D.1.1, the afterburner shall be in operation at all times when the thermal chip dryer (CHIP-2) is in operation.
- (b) Pursuant to SSM 093-13639-00007, issued June 16, 2002, and in order to comply with Conditions D.1.1 and D.1.2, the baghouse shall be in operation at all times when the thermal chip dryer (CHIP-2) is in operation.
- (c) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

### D.1.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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Pursuant to SSM 093-13639-00007, issued June 16, 2002, by August 25, 2015, the Permittee shall perform PM, PM10, and VOC testing using methods as approved by the Commissioner, in order to demonstrate compliance with Conditions D.1.1 and D.1.2. These tests shall be repeated at least five (5) years from the date of this valid compliance demonstration. Section C-Performance Testing contains the Permittee's obligation with regard to performance testing.

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

### D.1.6 Visible Emissions Notations

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- (a) Visible emission notations of the thermal chip dryer (CHIP-2) stack exhaust shall be performed once per week during normal daylight operations when the chip dryer operates for more than one daylight hour. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan, or its equivalent (e.g., Operation, Maintenance and Monitoring (OM&M)) for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response shall be considered a deviation from this permit. Section C-Compliance Response Plan - Preparation, Implementation, Records, and Reports contains the Permittee's obligation with regard to compliance response plans.

#### D.1.7 Parametric Monitoring

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- (a) The Permittee shall record the pressure drop across the thermal chip dryer baghouse at least once per day when the thermal chip dryer is in operation. When for any one 15-minute block average reading, the pressure drop across the baghouse is outside the normal range of 0.2 to 7.0 inches of water, the Permittee shall take reasonable response steps. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit. Section C--Compliance Response Plan -Preparation, Implementation, Records, and Reports contains the Permittee's obligation with regard to response steps.
- (b) The instruments used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated twice a year. The calibrations will not be completed in consecutive months.

#### D.1.8 Broken or Failed Bag Detection

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

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

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

#### D.1.9 Record Keeping Requirements

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- (a) To document compliance with Condition D.1.6 - Visible Emission Notations, the Permittee shall maintain weekly records of the visible emission notations of the thermal chip dryer (CHIP-2) stack exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation, (e.g. the process did not operate that day).
- (b) In order to document compliance with condition D.1.7 - Parametric Monitoring, the Permittee shall maintain the daily records of the pressure drop across the baghouse controlling the chip dryer (CHIP-2). The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading, (e.g. the process did not operate that day).
- (a) All records shall be maintained. Section C- General Record Keeping requirements contains the Permittee's obligation with regard to response steps.

#### D.1.10 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.1.1(d) shall be submitted to the address in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

## SECTION D.2

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(14)]:

#### Die Cast Melting

- (a) One (1) natural gas-fired reverberatory holding furnace, identified as RF-2 and as DC MELT B - #2, with a maximum capacity of 6.25 tons of metal per hour and 0.1 pounds of inorganic flux per ton of metal, and a maximum heat input capacity of 25 million Btu per hour, with emissions uncontrolled, constructed in 1999, and exhausting to stacks 2-1 and 2-2.
- (b) One (1) natural gas-fired reverberatory furnace, identified as RF-11 and as DC MELT A - #11, with a maximum capacity of 5.1 tons of metal per hour and 7 pounds of inorganic flux per ton of metal, and a maximum heat input capacity of 20.4 million Btu per hour, with emissions uncontrolled, constructed in 1974, and exhausting to stacks 55, 56, and RF-11-HS.
- (c) One (1) natural gas-fired reverberatory melting furnace, identified as RF-12 and as DC MELT A - #12, with a maximum capacity of 10.0 tons of metal per hour and 7 pounds of inorganic flux per ton of metal, and a maximum heat input capacity of 40.0 million Btu per hour, with emissions uncontrolled, constructed in 1996, and exhausting to stacks 57, 58, and 17.
- (d) One (1) natural gas-fired dry hearth furnace, identified as Number 10, with a maximum heat input capacity of 50 million British thermal units per hour, and a maximum capacity of 12.5 tons of aluminum per hour, with emissions uncontrolled, constructed in 2002, and exhausting to stacks DH-10-1, DH-10-2, and DH-10-3.
- (e) One (1) natural gas-fired dry hearth furnace, identified as DC No. 9, with a maximum capacity of 22.5 tons of aluminum per hour, a maximum inorganic flux usage of 7.0 pounds per ton of metal, and a maximum heat input capacity of 90 million British thermal units per hour, with emissions uncontrolled, constructed in 2006, and exhausting to stacks 9-1, 9-2, and 9-3.

#### SPM Melting Operations

- (n) Three (3) natural gas-fired stack melting furnaces, identified as Line 1 Stack Melter, Line 2 Stack Melter, and Line 3 Stack Melter, approved for construction in 2010, each with a nominal capacity of five (5) tons of metal per hour, 0.1955 pounds of inorganic flux per ton of metal, and 0.1019 pounds of organic flux per ton of metal, and each with a heat input capacity of 11.1 MMBtu/hr with emissions from each controlled by a baghouse.

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

#### D.2.1 PSD Minor Limit [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2 (PSD) not applicable the Permittee shall comply with the following limits:

- (a) The total amount of metal melted by all the furnaces combined shall not exceed 175,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.
- (b) The PM emissions from each of the furnaces, other than furnace DC No. 9, shall not exceed 1.78 pounds per ton of metal melted averaged over the melt cycle.
- (c) The PM10 emissions from each of the furnaces, other than furnace DC No. 9, shall not

exceed 1.78 pounds per ton of metal melted averaged over the melt cycle.

- (d) The PM emissions from furnace DC No. 9 shall not exceed 1.28 pounds per ton of metal melted averaged over the melt cycle.
- (e) The PM10 emissions from furnace DC No. 9 shall not exceed 1.28 pounds per ton of metal melted averaged over the melt cycle.

Compliance with the above limit combined with Conditions D.2.1, D.4.1, D.5.1, D.7.1, and the PTE of other emission unit, shall limit PM from the entire source to less than 250 tons per twelve (12) month consecutive period and render 326 IAC 2-2 not applicable to the entire source. These limits are necessary in order that the source maintain minor PSD status; therefore, the requirements of 326 IAC 2-2 are not applicable to the units constructed after 1977.

#### D.2.2 HAP Area Source Limits

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In order to render the requirements of 326 IAC 2-4.1 not applicable, the Permittee shall comply with the following limits:

- (a) The amount of organic flux used in all of the furnaces combined shall not exceed 34,909 pounds per twelve (12) consecutive month period with compliance determined at the end of each month, where 100 pounds of inorganic flux is equivalent to 1 pound of organic flux.
- (b) The HCl emissions from the use of organic flux shall not exceed 0.55 pounds per pound of organic flux used.
- (c) The HF emissions from the use of organic flux shall not exceed 0.06 pounds per pound of organic flux used.
- (d) The hexachloroethane emissions from the use of organic flux shall not exceed 0.004 pounds per pound of organic flux used.
- (e) The HCl emissions from the use of inorganic flux shall not exceed 0.005 pounds per pound of inorganic flux used.
- (f) The HF emissions from the use of inorganic flux shall not exceed 0.03 pounds per pound of inorganic flux used.
- (g) The Permittee shall melt only clean charge, internal scrap, or customer returns any post-consumer scrap materials in any of the furnaces at this source. This area source is an aluminum die casting facility and an aluminum foundry, and therefore is subject to the requirements of the National Emissions Standards for Hazardous Air Pollutants for Secondary Aluminum Production (40 CFR 63.150, Subpart RRR) only because it operates a thermal chip dryer. No furnace is subject to the requirements of this subpart because the furnaces only melt clean charge, internal scrap, and customer returns.

Compliance with the above limit combined with the PTE of other emission unit, shall limit emissions of any single HAP from the entire source to less than ten (10) tons per twelve (12) month consecutive period and emissions of total HAPs to less than 25 tons per twelve (12) month consecutive period of total HAPs and make the entire source an area source for HAPs.

**D.2.3 Particulate [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the following units shall be limited as follows when operating at the listed process weight rate:

Unit	Process Weight Rate (ton/hr)	PM Emission Limit (lb/hr)
Reverberatory Furnace RF-2 (DC MELT B - #2)	6.25	14
Reverberatory Furnace RF-11 (DC MELT A - #11)	5.1	12.21
Reverberatory Furnace RF-12 (DC MELT A - #12)	10.0	19.18
Dry Hearth Furnace Number 10	12.5	22.27
Dry Hearth Furnace DC No. 9	22.5	33.0
Line 1 Melter	5.0	12.05
Line 2 Melter	5.0	12.05
Line 3 Melter	5.0	12.05

The pounds per hour limitations were calculated with the following equation:  
 Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

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

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

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B- Preventive Maintenance Plan contains the Permittee's obligation with regard to Preventive Maintenance Plans.

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

**D.2.5 Record Keeping Requirements**

- (a) To document compliance with Condition D.2.1(a), the Permittee shall keep monthly records of the amount of metal melted in all of the furnaces combined.
- (b) To document compliance with Condition D.2.2(a), the Permittee shall keep monthly records of the amount of organic flux used in all of the furnaces combined.
- (c) To document compliance with Condition D.2.2(a), the Permittee shall keep monthly records of the amount of inorganic flux used in all of the furnaces combined.
- (d) To document compliance with Condition D.2.2(g), the Permittee shall keep records of the type of scrap used in the furnaces. The records shall be sufficient to demonstrate compliance with the requirements of D.2.2(g).
- (e) All records shall be maintained. Section C- General Record Keeping Requirements contains the Permittee;s obligation with regard to record keeping.

#### D.2.6 Reporting Requirements

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A quarterly summary of the information to document compliance with Conditions D.2.1(a) and D.2.2(a) shall be submitted to the address in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

### SECTION D.3

### FACILITY OPERATION CONDITIONS

#### Facility Description [326 IAC 2-7-5(14)]:

- (a) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 [326 IAC 8-3-2, 326 IAC 8-3-5].
- (b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment [326 IAC 6-3-2].
- (c) Grinding and machining operations [326 IAC 6-3-2].
- (d) Emission units with PM and PM<sub>10</sub> emissions less than five (5) tons per year, SO<sub>2</sub>, NO<sub>x</sub>, and VOC emissions less than ten (10) tons per year, CO emissions less than twenty-five (25) tons per year, lead emissions less than two-tenths (0.2) tons per year, single HAP emissions less than one (1) ton per year, and combination of HAPs emissions less than two and a half (2.5) tons per year [326 IAC 6-3-2]:
  - (1) Chip and crushed material storage piles [326 IAC 6-4];
  - (2) Spinning Nozzle Injection Flux (SNIF) units [326 IAC 6-3-2];
  - (3) Refractory powder mixing stations [326 IAC 6-3-2];
  - (4) Maintenance cutoff saws [326 IAC 6-3-2];
  - (5) Ladle weigh stations [326 IAC 6-3-2];
  - (6) Die cast machines and associated small holding furnaces [326 IAC 6-3-2];
  - (7) Maintenance paint spray and mold coating booths [326 IAC 6-3-2]
  - (8) Covered and underground conveyors [326 IAC 6-3-2];
  - (9) Chip feed hoppers [326 IAC 6-3-2]; and
  - (10) EDM carbon etchers, tool sharpening, abrasive cleaning, and small sand blasters. [326 IAC 6-3-2]
  - (11) Pre-machining operations controlled by mist collectors.
- (e) Combustion related activities, including natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour.
  - (1) One (1) natural gas-fired boiler, with two burners each with a nominal capacity of 0.75 MMBtu/hr, constructed in 2011 [326 IAC 6-2-4]
- (f) Activities associated with emergencies, including the following:
  - (1) Emergency generators as follows:
    - (a) Diesel generators not exceeding one thousand six hundred (1,600) horsepower.
  - (2) Stationary fire pump engines.
  - (3) One (1) 80 KW (133 hp) diesel powered emergency generator

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

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

#### **D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]**

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the Permittee shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operation requirements;
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

#### **D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]**

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the Permittee of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:

- (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:
  - (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));
  - (B) The solvent is agitated; or
  - (C) The solvent is heated.
- (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
- (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
- (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.
- (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or

if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):

- (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
  - (B) A water cover when solvent is used is insoluble in, and heavier than, water.
  - (C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
  - (2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.
  - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

#### D.3.3 Particulate [326 IAC 6-3-2]

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Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from each of the particulate emitting facilities listed in this section shall not exceed the allowable particulate emission rate based on 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.3.4 Particulate [326 IAC 6-2]

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- (a) Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), particulate emissions from the 1.5 MMBtu/hr boiler shall be limited to 0.6 pounds per MMBtu heat input.

## SECTION D.4 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(14)]:

#### Semi-Permanent Mold (SPM) Lines

Three (3) Semi-Permanent Mold (SPM) Lines consisting of pouring, cooling, and extraction, identified as SPM Line 1, SPM Line 2, and SPM Line 3, approved for construction in 2010, each with a nominal capacity of 60 molds per hour using 1.6 tons of molten aluminum and 2 tons of core sand per hour, with emissions from each controlled by a baghouse.

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

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

#### D.4.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the following units shall be limited as follows when operating at the listed process weight rate:

Unit	Process Weight Rate (ton/hr)	PM Emission Limit (lb/hr)
SPM Line 1	3.6	9.67
SPM Line 2	3.6	9.67
SPM Line 3	3.6	9.67

The pounds per hour limitations were calculated with the following equation:  
Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and  
P = process weight rate in tons per hour

**SECTION D.5 FACILITY OPERATION CONDITIONS**

**Facility Description [326 IAC 2-7-5(14)]:**

- (a) Three (3) core sand silos with sand handling equipment, identified collectively as Sand Handling, approved for construction in 2010, each with a capacity of 60 tons, with emissions from all controlled by a baghouse.
- (b) Two (2) core sand mixers, identified as Sand Mix 1 and Sand Mix 2, approved for construction in 2010, with a nominal capacity of 22.5 tons per hour, each, with one unit operating and one unit as a backup, with emissions from each controlled by baghouse.

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

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

**D.5.1 PSD Minor Limit [326 IAC 2-2]**

In order to render the requirements of 326 IAC 2-2(PSD) not applicable, the Permittee shall comply with the following:

- (a) The PM emissions from the sand mixing and handling operations (Sand Mix 1, Sand Mix 2, and Sand Handling) shall not exceed 0.21 pounds per ton of sand.
- (b) Sand throughput to the sand mixing and handling operation (Sand Mix 1, Sand Mix 2, and Sand Handling) shall not exceed 52560 tons of sand per twelve(12) month consecutive period.

Compliance with the above limit combined with Conditions D.2.1, D.5.1, D.7.1, and the PTE of other emission unit, shall limit PM from the entire source to less than 250 tons per twelve (12) month consecutive period and render 326 IAC 2-2 not applicable to the entire source.

**D.5.2 Particulate [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the following units shall be limited as follows when operating at the listed process weight rate:

Unit	Process Weight Rate (ton/hr)	PM Emission Limit (lb/hr)
Sand Mix 1	5.94	13.53
Sand Mix 2		
Sand Handling		

The pounds per hour limitations were calculated with the following equation:  
 Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

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

**D.5.3 Preventive Maintenance Plan [326 IAC 2-7-5(12)]**

A Preventive Maintenance Plan is required for these facilities and its control devices. Section B- Preventive Maintenance Plan contains the Permittee's obligation with regard to Preventive Maintenance Plans.

## Compliance Determination Requirements

### D.5.4 Control Device Operation [326 IAC 2-7-6]

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- (a) In order to comply with Conditions D.5.1 and D.5.2, the baghouse associated with the sand mixing and handling operation shall be in operation and controlling emissions from the associated sand mixing and handling operations at all times the associated sand mixing and handling operation is in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

### D.5.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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In order to demonstrate compliance with Condition D.5.1, the Permittee shall perform PM testing for the baghouses within one hundred and eighty (180) days of start-up of the sand mixing and handling operation. This testing shall be conducted 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. Section C - Performance Testing contains the Permittee's obligation with regard to performance testing.

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

### D.5.6 Visible Emissions Notations

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- (a) Daily visible emission notations of the sand mixing and handling stack exhaust shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan, or its equivalent (e.g., Operation, Maintenance and Monitoring (OM&M)) for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response shall be considered a deviation from this permit. Section C- Compliance Response Plan - Preparation, Implementation, Records, and Reports contains the Permittee's obligation with regard to compliance response plans.

#### D.5.7 Parametric Monitoring

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- (a) The Permittee shall record the pressure drop across the sand mixing and handling baghouses at least once per day when the sand mixing and handling operation is in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 0.5 to 7.0 inches of water, the Permittee shall take reasonable response steps. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit. Section C- Compliance Response Plan- Preparation, Implementation, Records, and Reports contains the Permittee's obligation with regard to response steps.
- (b) The instruments used for determining the pressure drop shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be validated at least once per year or as recommended by the manufacturer. The validations shall not be completed in consecutive months..

#### D.5.8 Broken or Failed Bag Detection

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

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

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

#### D.5.9 Record Keeping Requirements

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- (a) To document compliance with Condition D.5.1(b) – PSD Minor Limit, the Permittee shall maintain records of the monthly sand throughput to the sand mixing and handling operations.
- (b) To document compliance with Condition D.5.6 - Visible Emission Notations, the Permittee shall maintain daily records of the visible emission notations of the sand mixing and handling operation stack exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation (e.g. the process did not operate that day).
- (c) In order to document compliance with Condition D.5.7 - Parametric Monitoring, the Permittee shall maintain the daily records of the pressure drop across the baghouses controlling the sand mixing and handling operation. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).
- (d) All records shall be maintained. Section C- General Record Keeping requirements contains the Permittee's obligation with regard to response steps.

#### D.5.10 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.5.1(b) shall be submitted to the address in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

## SECTION D.6

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(14)]:

Five (5) epoxy acrylic core machines, identified as Core Make 1 through 5, approved for construction in 2010, each with a nominal capacity of 2.64 tons of cores per hour with 1.3% resin content, each using approximately 16 pounds per ton of sulfur dioxide catalyst, with four operating and one unit as a backup, with emissions from all controlled by a caustic scrubber.

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

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

#### D.6.1 PSD Minor Limit [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2(PSD) not applicable, the Permittee shall comply with the following:

- (a) The SO<sub>2</sub> emissions from the core machines (Core Make 1 through 5) shall not exceed 4.35 pounds per ton of core.
- (b) Core throughput to the core make machines (Core Make 1 through 5) shall not exceed 52560 tons per twelve (12) month consecutive period.

Compliance with the above limit combined with all other limits and the potential to emit SO<sub>2</sub> from all unlimited other emission units at the source shall limit SO<sub>2</sub> from the entire source to less than 250 tons per twelve (12) month consecutive period and render 326 IAC 2-2 not applicable to the entire source.

#### D.6.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B-Preventive Maintenance Plan contains the Permittee's obligation with regard to Preventive Maintenance Plans.

### Compliance Determination Requirements

#### D.6.3 Control Device Operation [326 IAC 2-2]

In order to comply with Conditions D.6.1, the scrubber associated with the core make machines shall be in operation and controlling emissions from the core make machines at all times any of the core make machines is in operation.

#### D.6.4 Testing Requirements [326 IAC 2-1.1-11]

In order to demonstrate compliance with Condition D.6.1, the Permittee shall perform SO<sub>2</sub> testing for the scrubber within one hundred and eighty (180) days of start-up of the core make machines. This testing shall be conducted utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of the last valid compliance demonstration. Section C - Performance Testing contains the Permittee's obligation with regard to performance testing.

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

#### D.6.5 Parametric Monitoring

- (a) Permittee shall monitor the liquor flow rate of the scrubber at least once per day when any of the core make machines is in operation. When for any one reading, the scrubber flow rate is less than 250 gallons per minute, or a value established during the latest

stack test, the Permittee shall take reasonable response steps. Section C – Compliance Response Plan Exceedances contains the Permittee’s obligation with regard to response steps. A flow rate that is less than the 250 gallons per minute, or a value established during the latest stack test, is not a deviation from this permit. Failure to take response steps in shall be considered a deviation from this permit.

The instrument used for determining the scrubber liquor flow rate shall be subject to approval by IDEM, OAQ, and shall be validated at least once per year or as recommended by the manufacturer. The validations shall not be completed in consecutive months. Section C -Instrument Specifications contains the Permittee’s obligation with regard to instrument specifications.

- (b) The Permittee shall monitor the pH of the scrubber's liquor at least once per day when any of the core make machines are in operation. When for any one reading, the pH is less than 9, the Permittee shall take reasonable response steps. Section C – Compliance Response Plan contains the Permittee’s obligation with regard to response steps. A pH that is less than 9, is not a deviation from this permit. Failure to take response steps in shall be considered a deviation from this permit.

The instrument used for determining the scrubber liquor pH shall be subject to approval by IDEM, OAQ, and shall be validated at least once every six (6) months or as recommended by the manufacturer. Section C -Instrument Specifications contains the Permittee’s obligation with regard to instrument specifications.

#### D.6.6 Scrubber Failure Detection

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In the event that scrubber failure has been observed, the failed scrubber and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B – Emergency Provisions).

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

#### D.6.7 Record Keeping Requirements

---

- (a) To document compliance with Condition D.6.1(b) – PSD Minor Limit, the Permittee shall maintain records of the monthly core throughput to the core make machines.
- (b) To document compliance with Condition D.6.5(a), the Permittee shall maintain daily records of the liquor flow rate of the scrubber. The Permittee shall include in its daily record when a flow rate is not taken and the reason for the lack of a flow rate (e.g. the process did not operate that day).
- (c) In order to document compliance with Condition D.6.5(b), the Permittee shall maintain the daily records of the pH of the liquor flow of the scrubber. The Permittee shall include in its daily record when a pH reading is not taken and the reason for the lack of a pH (e.g. the process did not operate that day).

#### D.6.8 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.6.1(b) shall be submitted to the address in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

## SECTION D.7 FACILITY OPERATION CONDITIONS

**Facility Description [326 IAC 2-7-5(14)]:  
(units approved for construction in SSM 093-29425-00007)**

One (1) natural gas-fired thermal sand reclamation system, identified as Sand Reclaim, with a nominal capacity of 6.0 tons of sand per hour and a maximum heat input of 6.0 MMBtu/hr, with emissions controlled by a baghouse. [An affected facility under NSPS UUU]

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

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

#### D.7.1 PSD Minor Limit [326 IAC 2-2]

In order to render the requirements of 326 IAC 2-2(PSD) not applicable, the Permittee shall comply with the following:

- (a) The PM emissions from Sand Reclaim shall not exceed 0.38 pounds per ton of sand.
- (b) The VOC emissions from Sand Reclaim shall not exceed 0.94 pounds per ton of sand.
- (c) The sand throughput to the sand reclamation operation (Sand Reclaim) shall not exceed 52560 tons per twelve (12) month consecutive period.

Compliance with the above limit combined with Conditions D.2.1, D.4.1, D.5.1, D.7.1, and the PTE of other emission unit, shall limit PM and VOC from the entire source to less than 250 tons per twelve (12) month consecutive period and render 326 IAC 2-2 not applicable to the entire source and shall limit VOC from the sand reclamation system to less than twenty five (25) tons per twelve (12) month consecutive period and render 326 IAC 8-1-6 not applicable to the sand reclamation system.

#### D.7.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the following units shall be limited as follows when operating at the listed process weight rate:

Unit	Process Weight Rate (ton/hr)	PM Emission Limit (lb/hr)
Sand Reclaim	6	13.61

The pounds per hour limitations were calculated with the following equation:  
Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and  
P = process weight rate in tons per hour

#### D.7.3 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

A Preventive Maintenance Plan is required for these facilities and their control devices. Section B-Preventive Maintenance Plan contains the Permittee's obligation with regard to Preventive Maintenance Plans.

## Compliance Determination Requirements

### D.7.4 Control Device Operation [326 IAC 6-3-2]

---

- (a) In order to comply with Condition D.7.1, the baghouse associated with the sand reclamation operation shall be in operation and controlling emissions from the sand reclamation operations at all times the sand reclamation operation is in operation.
- (b) In the event that bag failure is observed in a multi-compartment baghouse, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

### D.7.5 Testing Requirements [326 IAC 2-1.1-11]

---

- (a) In order to demonstrate compliance with Condition D.7.1(a), the Permittee shall perform PM testing for the baghouse within one hundred and eighty (180) days of start-up of the sand reclamation operation. This testing shall be conducted 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. Section C - Performance Testing contains the Permittee's obligation with regard to performance testing.
- (b) In order to demonstrate compliance with Condition D.7.1(b), the Permittee shall perform VOC testing for the sand reclamation operation (Sand Reclaim) within one hundred eighty (180) days of start-up of the sand reclamation operation. This testing shall be conducted utilizing methods as approved by the Commissioner. Section C - Performance Testing contains the Permittee's obligation with regard to performance testing.

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

### D.7.6 Visible Emissions Notations

---

- (a) Daily visible emission notations of the sand reclamation stack exhaust shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan, or its equivalent (e.g., Operation, Maintenance and Monitoring (OM&M)) for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response shall be considered a deviation from this permit. Section C- Compliance Response Plan - Preparation, Implementation, Records, and Reports contains the Permittee's obligation with regard to compliance response plans.

#### D.7.7 Parametric Monitoring

---

- (a) The Permittee shall record the pressure drop across the sand reclamation baghouse at least once per day when the sand reclamation operation is in operation. When for any one reading, the pressure drop across the baghouse is outside the normal range of 0.5 to 7.0 inches of water, the Permittee shall take reasonable response steps. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit. Section C- Compliance Response Plan- Preparation, Implementation, Records, and Reports contains the Permittee's obligation with regard to response steps.
- (b) The instruments used for determining the pressure drop shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be validated at least once every six (6) months.

#### D.7.8 Broken or Failed Bag Detection

---

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

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

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

#### D.7.9 Record Keeping Requirements

---

- (a) To document compliance with Condition D.7.1(c) – PSD Minor Limit, the Permittee shall maintain monthly records of the sand throughput to the sand reclamation operation.
- (b) To document compliance with Condition D.7.6 - Visible Emission Notations, the Permittee shall maintain daily records of the visible emission notations of the sand reclamation operation stack exhaust. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation (e.g. the process did not operate that day).
- (c) In order to document compliance with Condition D.7.7 - Parametric Monitoring, the Permittee shall maintain the daily records of the pressure drop across the baghouse controlling the sand reclamation operation. The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).
- (d) All records shall be maintained. Section C- General Record Keeping requirements contains the Permittee's obligation with regard to response steps.

#### D.7.10 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.7.1(c) shall be submitted to the address in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

## SECTION E.1 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(14)]:

#### Chip Processing

One (1) natural gas-fired aluminum thermal chip dryer, identified as CHIP-2, with a maximum capacity of 7.60 tons of scrap aluminum chips per hour, and a nominal heat input capacity of 6.83 million Btu per hour for the chip dryer drum, using an afterburner and a baghouse, identified as AB-1, as control, constructed in 1974, and exhausting to stack 10.

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

### National Emission Standards for Hazardous Air Pollutants Requirements [326 IAC 2-7-5(1)]

#### E.1.1 National Emissions Standards for Hazardous Air Pollutants Under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]

- (a) The provisions of 40 CFR Part 63, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 20-1-1, apply to the natural gas-fired aluminum thermal chip dryer, identified as CHIP-2, except when otherwise specified in 40 CFR Part 63, Subpart RRR. These requirements became applicable to the aluminum chip dryer (CHIP-2) on March 24, 2003. This facility is an area source under Clean Air Act Section 112. Therefore, only the area source requirements of Subpart RRR apply to this facility.
- (b) Pursuant to 40 CFR 63.7, the Permittee shall submit all of the required notifications and reports to:  
Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

#### E.1.2 National Emissions Standards for Hazardous Air Pollutants for Secondary Aluminum Production [326 IAC 20-70-1] [40 CFR Part 63, Subpart RRR]

Pursuant to 40 CFR Part 63, Subpart RRR, the Permittee shall comply with the applicable provisions of 40 CFR Part 63, Subpart RRR (included as Attachment A), which are incorporated by reference as 326 IAC 20-70, for the natural gas-fired aluminum thermal chip dryer, identified as CHIP-2.

At the time of permit issuance, the following provisions were identified as applicable.

- (1) 40 CFR 63.1500(a), (c)(1), (f);
- (2) 40CFR 63.1503;
- (3) 40 CFR 63.1505(a),(c)(2);
- (4) 40 CFR 63.1506(a)(1),(c),(d), and (f); (Comment: (a)(2) and (b) do not apply)
- (5) 40 CFR 63.1510(a),(b),(d),(e),(g) and (k);
- (6) 40 CFR 63.1511(a), (b) and (c) ; (Comment: Monitoring and operating parameter values already established)
- (7) 40 CFR 63.1512(b),(k),(m);
- (8) 40 CFR 63.1516(a),(b), and (c); and
- (9) 40 CFR 63.1517(a),(b)(2),(b)(6),(b)(7),(b)(9),(b)(14),(b)(15),(b)(16); and
- (10) 40 CFR 63 1518.

Pursuant to 40 CFR 63.1510(e), the Permittee shall install, calibrate, operate, and maintain a device to measure and record the total weight of dry chips processed through the natural gas-fired aluminum chip dryer for each operating cycle or time period used in the performance test consistent with US EPA's April 15, 2003 approval of alternative monitoring for the thermal chip dryer.

## SECTION E.2 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(14)]:

- (f) Activities associated with emergencies, including the following:
  - (1) Emergency generators as follows:
    - (a) Diesel generators not exceeding one thousand six hundred (1,600) horsepower.
  - (2) Stationary fire pump engines.
  - (3) One (1) 80 KW (133 hp) diesel powered emergency generator

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

### National Emission Standards for Hazardous Air Pollutants Requirements [326 IAC 2-7-5(1)]

#### E.2.1 National Emissions Standards for Hazardous Air Pollutants Under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]

The provisions of 40 CFR 63, Subpart A - General Provisions apply to the facility described in this section except when otherwise specified in 40 CFR 63, Subpart ZZZZ.

#### E.2.2 National Emissions Standards for Hazardous Air Pollutants for Stationary Compression Ignition Internal Combustion Engines [40 CFR Part 63, Subpart ZZZZ]

By March 3, 2013, the Permittee shall comply with the following provisions of 40 CFR 63, Subpart ZZZZ as specified in Attachment B of this permit:

- (1) 40 CFR 63.6580
- (2) 40 CFR 63.6585(a), (c), and (d)
- (3) 40 CFR 63.6590(a)(1)(iii)
- (4) 40 CFR 63.6603(a)
- (5) 40 CFR 63.6605
- (6) 40 CFR 63.6625(h), and (i)
- (7) 40 CFR 63.6635
- (8) 40 CFR 63.6640(a) and (b)
- (9) 40 CFR 63.6645(a)(5)
- (10) 40 CFR 63.6650
- (11) 40 CFR 63.6655
- (12) 40 CFR 63.6660
- (13) 40 CFR 63.6665
- (14) 40 CFR 63.6670
- (15) 40 CFR 63.6675
- (16) Table 2d (item 4)
- (17) Table 6 (item 9)
- (18) Table 8

## SECTION E.3 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(14)]:

#### SPM Melting Operations

- (g) Three (3) natural gas-fired stack melting furnaces, identified as Line 1 Stack Melter, Line 2 Stack Melter, and Line 3 Stack Melter, approved for construction in 2010, each with a nominal capacity of five (5) tons of metal per hour, 0.1955 pounds of inorganic flux per ton of metal, and 0.1019 pounds of organic flux per ton of metal, and each with a heat input capacity of 11.1 MMBtu/hr with emissions from each controlled by a baghouse.

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

### National Emission Standards for Hazardous Air Pollutants Requirements [326 IAC 2-7-5(1)]

- E.3.1 National Emissions Standards for Hazardous Air Pollutants Under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]

The provisions of 40 CFR 63, Subpart A - General Provisions apply to the facility described in this section except when otherwise specified in 40 CFR 63, Subpart ZZZZZZ.

- E.3.2 National Emissions Standards for Hazardous Air Pollutants for Area Source Standards for Aluminum, Copper, and other Non-ferrous Foundries [40 CFR Part 63, Subpart ZZZZZZ]

The Permittee shall comply with the following provisions of 40 CFR 63, Subpart ZZZZZZ as specified is Attachment C of this permit:

- (1) 40 CFR 63.11544(a)(1)
- (2) 40 CFR 63.11544(a)(4)(i)
- (3) 40 CFR 63.11544(b)
- (4) 40 CFR 63.11544(c)
- (5) 40 CFR 63.11545(a)
- (6) 40 CFR 63.11550(a)
- (7) 40 CFR 63.11552(a)
- (8) 40 CFR 63.11553(a)
- (9) 40 CFR 63.11553(b)
- (10) 40 CFR 63.11553(c)(1)
- (11) 40 CFR 63.11553(c)(2)
- (12) 40 CFR 63.11553(c)(3)
- (13) 40 CFR 63.11553(d)
- (14) 40 CFR 63.11553(e)
- (15) 40 CFR 63.11555
- (16) 40 CFR 63.11556
- (17) 40 CFR 63.11557

## SECTION E.4 FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(14)]:

- (h) One (1) natural gas-fired thermal sand reclamation system, identified as Sand Reclaim, with a nominal capacity of 6.0 tons of sand per hour and a maximum heat input of 6.0 MMBtu/hr, with emissions controlled by a baghouse. [An affected facility under NSPS UUU].

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

### New Source Performance Standards

#### E.4.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR Part 60, Subpart A]

- (a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60 Subpart A – General Provisions, which are incorporated by reference as 326 IAC 12-1 for the sand reclamation operation, identified as Sand Reclaim except as otherwise specified in 40 CFR Part 60, Subpart UUU.
- (b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports to:

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

#### E.4.2 Standards of Performance for Calciners and Dryers in Mineral Processing Industries [40 CFR Part 60, Subpart UUU]

The Permittee shall comply with the following provisions of 40 CFR 60, Subpart UUU as specified is Attachment D of this permit:

- (a) 40 CFR 60.730(a)  
(b) 40 CFR 60.730(c)  
(c) 40 CFR 60.731  
(d) 40 CFR 60.732  
(e) 40 CFR 60.735(a)  
(f) 40 CFR 60.735(c)(1), (2)  
(g) 40 CFR 60.735(d)  
(h) 40 CFR 60.736(a), (b)  
(i) 40 CFR 60.737

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
PART 70 OPERATING PERMIT  
CERTIFICATION**

Source Name: General Motors LLC  
Source Address: 105 GM Drive, Bedford, Indiana 47421  
Part 70 Permit No.: T 093-26058-00007

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

**PART 70 OPERATING PERMIT  
EMERGENCY OCCURRENCE REPORT**

Source Name: General Motors LLC  
Source Address: 105 GM Drive, Bedford, Indiana 47421  
Part 70 Permit No.: T 093-26058-00007

**This form consists of 2 pages**

**Page 1 of 2**

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

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

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

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

**Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency?    Y    N
Type of Pollutants Emitted: TSP, PM-10, 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 AND ENFORCEMENT BRANCH

### Part 70 Quarterly Report

Source Name: General Motors LLC  
Source Address: 105 GM Drive, Bedford, Indiana 47421  
Part 70 Permit No.: T 093-26058-00007  
Facility: All furnaces combined  
Parameter: Amount of metal used  
Limit: Less than 175,000 tons of metal per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER:

YEAR:

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

No deviation occurred in this quarter.

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 COMPLIANCE AND ENFORCEMENT BRANCH

### Part 70 Quarterly Report

Source Name: General Motors LLC  
Source Address: 105 GM Drive, Bedford, Indiana 47421  
Part 70 Permit No.: T 093-26058-00007  
Facility: All furnaces combined  
Parameter: Amount of flux used  
Limit: Less than 34,909 pounds of organic flux per twelve (12) consecutive month period with compliance determined at the end of each month, where 100 pounds of inorganic flux is equivalent to 1 pound of organic flux.

QUARTER:

YEAR:

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

No deviation occurred in this quarter.

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 COMPLIANCE AND ENFORCEMENT BRANCH

### Part 70 Quarterly Report

Source Name: General Motors LLC  
Source Address: 105 GM Drive, Bedford, Indiana 47421  
Part 70 Permit No.: T 093-26058-00007  
Facility: sand mixing and handling operation  
Parameter: Amount of sand processed  
Limit: Less than 52560 tons of metal per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER:

YEAR:

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

No deviation occurred in this quarter.

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  
COMPLIANCE AND ENFORCEMENT BRANCH**

**Part 70 Quarterly Report**

Source Name: General Motors LLC  
Source Address: 105 GM Drive, Bedford, Indiana 47421  
Part 70 Permit No.: T 093-26058-00007  
Facility: Core Make Machines  
Parameter: Amount of core processed  
Limit: Less than 52560 tons of sand per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER:

YEAR:

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

No deviation occurred in this quarter.

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  
COMPLIANCE AND ENFORCEMENT BRANCH**

**Part 70 Quarterly Report**

Source Name: General Motors LLC  
Source Address: 105 GM Drive, Bedford, Indiana 47421  
Part 70 Permit No.: T 093-26058-00007  
Facility: Sand reclamation operation  
Parameter: Amount of sand processed  
Limit: Less than 52560 tons of metal per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER:

YEAR:

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

No deviation occurred in this quarter.

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  
COMPLIANCE AND ENFORCEMENT BRANCH**

**Part 70 Quarterly Report**

Source Name: General Motors LLC  
Source Address: 105 GM Drive, Bedford, Indiana 47421  
Part 70 Permit No.: T 093-26058-00007  
Facility: Thermal Chip dryer (CHIP-2)  
Parameter: Amount of metal processed  
Limit: Less than 66576 tons of metal per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER:

YEAR:

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

No deviation occurred in this quarter.

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

Source Name: General Motors LLC  
 Source Address: 105 GM Drive, Bedford, Indiana 47421  
 Part 70 Permit No.: T 093-26058-00007

**Months:** \_\_\_\_\_ **to** \_\_\_\_\_ **Year:** \_\_\_\_\_

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

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

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

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

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

Attach a signed certification to complete this report.

**Emission Calculations  
Summary of Total Emissions**

1/0/1900

**Company Name:** General Motors Company LLC  
**Address City IN Zip:** 105 GM Drive, Bedford, Indiana 47421  
**Plt ID:** 093-00007  
**Permit Number:** T 093-32085-00007  
**Reviewer:** Anh Nguyen  
**Date:** 7/12/2012

**Uncontrolled Potential to Emit**

Emission Unit	PM	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>x</sub>	VOC	CO	HAPs Single (tons/yr)	Single HAP	HAPs Total (tons/yr)	CO <sub>2</sub> e (tons/yr)
Two (2) natural gas heaters, 0.225 MMBtu/hr each	0.004	0.015	0.015	0.001	0.197	0.011	0.166	3.55E-03	Hexane	3.72E-03	237.96
Two (2) natural gas heaters, 0.200 MMBtu/hr each	0.003	0.013	0.013	0.001	0.175	0.010	0.147	3.15E-03	Hexane	3.31E-03	211.52
One (1) natural gas sidewalk heater, 0.199 MMBtu/hr	0.002	0.007	0.007	0.001	0.087	0.005	0.073	1.57E-03	Hexane	1.64E-03	105.23
Five (5) natural gas heaters, 0.300 MMBtu/hr each	0.012	0.050	0.050	0.004	0.657	0.036	0.552	1.57E-03	Hexane	0.00E+00	793.20
One (1) Emergency generators, Diesel 133 HP	0.073	0.073	0.073	0.068	1.031	0.084	0.222	2.75E-04	Formaldehyde	9.02E-04	38.37
<b>Total</b>	<b>0.09</b>	<b>0.16</b>	<b>0.16</b>	<b>0.07</b>	<b>2.15</b>	<b>0.14</b>	<b>1.16</b>	<b>0.01</b>	<b>Hexane</b>	<b>0.01</b>	<b>1,386.27</b>
								Single HAP <10		Combined HAPs <25	CO <sub>2</sub> e<100,000



**Emissions Calculations  
Natural Gas Combustion Only  
MM BTU/HR <100**

**Company Name:** General Motors Company LLC  
**Address City IN Zip:** 105 GM Drive, Bedford, Indiana 47421  
**Plt ID:** 093-00007  
**Permit Number:** T 093-32085-00007  
**Reviewer:** Anh Nguyen  
**Date:** 7/12/2012

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM <sub>10</sub> *	SO <sub>2</sub>	NOx	VOC	CO
	1.90	7.60	0.600	100	5.50	84.0
				**see below		

\*PM emission factor is filterable PM only. PM-10 emission factor is filterable and condensable PM-10 combined.

\*\*Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Equipment	Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr	Potential Emission in tons/yr					
			PM*	PM <sub>10</sub> *	SO <sub>2</sub>	NOx	VOC	CO
Two (2) natural gas heaters	0.450	3.942	0.004	0.015	0.001	0.197	0.011	0.166
Two (2) natural gas heaters	0.400	3.504	0.003	0.013	0.001	0.175	0.010	0.147
One (1) natural gas sidewalk heater	0.199	1.743	0.002	0.007	0.001	0.087	0.005	0.073
Five (5) natural gas heaters	1.500	13.140	0.012	0.050	0.004	0.657	0.036	0.552
<b>Total</b>	<b>2.549</b>	<b>22.329</b>	<b>0.021</b>	<b>0.085</b>	<b>0.007</b>	<b>1.116</b>	<b>0.061</b>	<b>0.938</b>

Emission Factor in lb/MMcf	HAPs - Organics						HAPs - Metals				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene	Lead	Cadmium	Chromium	Manganese	Nickel	
	0.0021	0.0012	0.0750	1.8000	0.0034	0.0005	0.0011	0.0014	0.0004	0.0021	

Equipment	Heat Input Capacity MMBtu/hr	Potential Throughput MMCF/yr	Potential Emission in tons/yr										
			Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene	Lead	Cadmium	Chromium	Manganese	Nickel	Total
Two (2) natural gas heaters	0.450	3.942	4.14E-06	2.37E-06	1.48E-04	3.55E-03	6.70E-06	9.86E-07	2.17E-06	2.76E-06	7.49E-07	4.14E-06	3.72E-03
Two (2) natural gas heaters	0.400	3.504	3.68E-06	2.10E-06	1.31E-04	3.15E-03	5.96E-06	8.76E-07	1.93E-06	2.45E-06	6.66E-07	3.68E-06	3.31E-03
One (1) natural gas sidewalk heater	0.199	1.743		1.05E-06	6.54E-05	1.57E-03	2.96E-06	4.36E-07	9.59E-07	1.22E-06	3.31E-07	1.83E-06	1.64E-03
Five (5) natural gas heaters	1.500	13.140	1.83E-06	1.05E-06	6.54E-05	1.57E-03	2.96E-06	4.36E-07	9.59E-07	1.22E-06	3.31E-07	1.83E-06	0.00E+00
<b>Total</b>	<b>2.549</b>	<b>22.329</b>	<b>9.65E-06</b>	<b>6.56E-06</b>	<b>4.10E-04</b>	<b>9.84E-03</b>	<b>1.86E-05</b>	<b>2.73E-06</b>	<b>6.01E-06</b>	<b>7.65E-06</b>	<b>2.08E-06</b>	<b>1.15E-05</b>	<b>0.009</b>

**Methodology**

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

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

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

**Emissions Calculations  
Natural Gas Combustion Only  
MM BTU/HR <100**

**Greenhouse Gas Emissions**

Company Name: General Motors Company LLC  
Address City IN Zip: 105 GM Drive, Bedford, Indiana 47421  
Plt ID: 093-00007  
Permit Number: T 093-32085-00007  
Reviewer: Anh Nguyen  
Date: 7/12/2012

	Greenhouse Gas		
	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
Emission Factor in lb/MMcf	120,000	2.3	2.2

Equipment	Potential Emissions tons/yr		
	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
One (1) natural gas heater	236.52	0.00	0.00
One (1) natural gas heater	210.24	0.00	0.00
One (1) natural gas sidewalk heater	104.59	0.00	0.00
Five (5) natural gas heaters	788.40	0.02	0.01
Total tons/yr	1,339.75	0.03	0.02
Summed Potential Emissions in tons/yr	1,339.80		
CO <sub>2</sub> e Total in tons/yr	1,347.91		

**Methodology**

The N<sub>2</sub>O Emission Factor for uncontrolled is 2.2. The N<sub>2</sub>O Emission Factor for low NOx burner is 0.64.

Emission Factors are from AP 42, Table  
1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-

Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.

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

CO<sub>2</sub>e (tons/yr) = CO<sub>2</sub> Potential Emission ton/yr x CO<sub>2</sub> GWP (1) + CH<sub>4</sub> Potential Emission ton/yr x CH<sub>4</sub> GWP



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
**Governor**

*Thomas W. Easterly*  
**Commissioner**

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
[www.idem.IN.gov](http://www.idem.IN.gov)

## **SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED**

**TO:** Tim Rienks  
General Motors LLC  
105 GM Dr  
Bedford, IN 47421

**DATE:** July 17, 2012

**FROM:** Matt Stuckey, Branch Chief  
Permits Branch  
Office of Air Quality

**SUBJECT:** Final Decision  
Title V - Administrative Amendment  
093 - 32085 - 00007

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:  
Eric Gonzales, Plant Mgr  
Kathy Moore KERAMIDA Environmental  
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at [jbrush@idem.IN.gov](mailto:jbrush@idem.IN.gov).

Final Applicant Cover letter.dot 11/30/07

# Mail Code 61-53

IDEM Staff	LPOGOST 7/17/2012 General Motors LLC 093 - 32085 - 00007 final)		Type of Mail:  <b>CERTIFICATE OF MAILING ONLY</b>	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handling Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee
											Remarks
1		Tim Rienks General Motors LLC 105 GM Dr Bedford IN 47421 (Source CAATS) Via confirmed delivery									
2		Eric Gonzales Plant Mgr General Motors LLC 105 GM Dr Bedford IN 47421 (RO CAATS)									
3		Bedford City Council and Mayors Office 1102 16th St Bedford IN 47421 (Local Official)									
4		Lawrence County Board of Commissioners 916 15th Street Bedford IN 47421 (Local Official)									
5		Mr. Anthony Wray 1861 Buddha Bypass Rd Bedford IN 47421 (Affected Party)									
6		Mr. Bobby Minton 7745 S. Fairfax Rd Bloomington IN 47401 (Affected Party)									
7		Mr. Wendell Hibdon Plumbers & Steam Fitters Union, Local 136 2300 St. Joe Industrial Park Dr Evansville IN 47720 (Affected Party)									
8		Mr. Danny Arnold 374 Cedar View Ln. Bedford IN 47421 (Affected Party)									
9		Mr. David Weatherholt Boilermaker Local #374 4777 East County Road 2100 North Dale IN 47523 (Affected Party)									
10		Mr. Don Sherry 1111 215 St. Tell City IN 47506-2815 (Affected Party)									
11		Mr. David Reed RR 1 Box 157 Jasonville IN 47438 (Affected Party)									
12		Mrs. Kathy Moore KERAMIDA Environmental, Inc. 401 North College Indianapolis IN 46202 (Consultant)									
13		Lawrence County Health Department 2419 Mitchell Rd. Bedford, IN 47421 (Health Department)									
14											
15											

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See <b>Domestic Mail Manual R900, S913, and S921</b> for limitations of coverage on inured and COD mail. See <b>International Mail Manual</b> for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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