



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

TO: Interested Parties / Applicant

DATE: November 19, 2008

RE: Chrysler, LLC - Kokomo Transmission Plant / 067-26892-00065

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

Notice of Decision: Approval – Effective Immediately

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

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

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

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

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

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

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

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

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



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Mr. Brian Garrison, Plant Manager
Chrysler, LLC - Kokomo Transmission Plant
2401 South Reed Road
Kokomo, Indiana 46904

November 19, 2008

Re: 067-26892-00065
Minor Permit Modification to
Part 70 No.: T 067-6504-00065

Dear Mr. Garrison:

Chrysler, LLC - Kokomo Transmission Plant was issued a Part 70 Operating Permit T 067-6504-00065 on September 1, 1999 for a production facility for machining, cleaning, and heat treating to produce transmissions for use in automobiles and light duty trucks. A letter requesting changes to this permit was received on August 13, 2008. Pursuant to the provisions of 326 IAC 2-7-12 a minor permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the relocation of thirty-two (32) wet machines, and the addition of seventy-seven (77) wet machines, one (1) shot blast machine, and one (1) heat treat furnace.

All other conditions of the permit shall remain unchanged and in effect. Please find attached the entire Part 70 Operating Permit as modified.

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 Jack Harmon, OAQ, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251, or call at (800) 451-6027, and ask for Jack Harmon or extension 2-8422, or dial (317) 232-8422.

Sincerely,
Original signed by

Donald F. Robin, P.E., Section Chief
Permits Branch
Office of Air Quality

Attachments

JLH

cc: File – Howard County
U.S. EPA, Region V
Howard County Health Department
Air Compliance Section Inspector
Compliance Data Section
Administrative and Development



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PART 70 MINOR PERMIT MODIFICATION OFFICE OF AIR QUALITY

Chrysler, LLC
Kokomo Transmission Plant, Plt ID 067-00065
2401 S. Reed Road
Kokomo, Indiana 46904

(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.: T067-6504-00065	
Issued by: Original Signed by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: September 1, 1999

Admin. Amend. 067-11399-00065, issued November 9, 1999 Admin. Amend. 067-11981-00065, issued April 27, 2000 Admin. Amend. 067-11990-00065, issued September 1, 2000 Admin. Amend. 067-13661-00065, issued March 26, 2001 Admin. Amend. 067-15176-00065, issued March 15, 2002 Signif. Permit Mod. 067-15918-00065, issued October 17, 2002 Admin. Amend. 067-16442-00065, issued January 6, 2003 Minor Permit Mod. 067-16664-00065, issued April 24, 2003 Signif. Permit Mod. 067-16788-00065, issued July 8, 2003 Minor Permit Mod. 067-17714-00065, issued Sep. 16, 2003 Minor Permit Mod. 067-18500-00065, issued May 18, 2004 Admin. Amend. 067-19500-00065, issued August 19, 2004	Minor Permit Mod. 067-19553-00065, issued January 26, 2005 Admin. Amend. 067-20879-00065, issued March 31, 2005 Signif. Permit Mod. 067-19555-00065, issued April 29, 2005 Admin. Amend. 067-21602-00065, issued Sept. 30, 2005 Minor Permit Mod. 067-21862-00065, issued January 6, 2006 Signif. Permit Mod. 067-20936-00065, issued Feb. 20, 2006 Signif. Permit Mod. 067-21686-00065, issued July 11, 2006 Signif. Permit Mod. 067-24440-00065, issued May 25, 2007 Admin. Amend. 067-24613-00065, issued June 13, 2007 Signif. Permit Mod. 067-21332-00065, issued Dec. 7, 2007 Interim Permit for Minor Source Modification No. 067-268591-00065, issued August 28, 2008
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Minor Permit Modification No.: 067-26892-00065	
Issued by: Original Signed by Donald F. Robin, P.E., Section Chief Permits Branch Office of Air Quality	Issuance Date: November 19, 2008

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- D.17.2 Particulate Matter (PM) [326 IAC 6.5-1-2]
- D.17.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]
- D.17.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.17.5 Particulate Control [326 IAC 2-7-6(6)]
- D.17.6 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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

- D.17.7 Visible Emissions Notations
- D.17.8 Parametric Monitoring

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

- D.17.9 Record Keeping Requirements

D.18 FACILITY OPERATION CONDITIONS: Boilers 6 and 7

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

- D.18.1 NO_x [326 IAC 2-2]
- D.18.2 SO₂ [326 IAC 2-2]
- D.18.3 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR 60, Subpart A]
- D.18.4 Opacity Limitation [40 CFR 60, Subpart Dc] [326 IAC 12-1-1]
- D.18.5 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-1]
- D.18.6 Particulate (PM) [326 IAC 6-2-4]
- D.18.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.18.8 NO_x Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]
- D.18.9 Opacity Testing Requirements [40 CFR 60, Subpart Dc]
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Compliance Monitoring Requirements [326 IAC 2-7-6 (1)] [326 IAC 2-7-5 (1)]

D.18.11 Visible Emissions Notations

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D.18.12 Record Keeping Requirements

D.18.13 Reporting Requirements

D.19 FACILITY OPERATION CONDITIONS

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

D.19.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

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

D.19.2 Record Keeping Requirements

D.19.3 Reporting Requirements

D.20 FACILITY OPERATION CONDITIONS: Combustion

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

D.20.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

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

D.20.2 Record Keeping Requirements for Natural Gas

D.20.3 Reporting Requirements

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

D.21.1 Prevention of Significant Deterioration (PSD) [326 IAC 2-2]

D.21.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

D.21.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

D.21.4 Particulate Control [326 IAC 2-7-6(6)]

D.21.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

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

D.21.6 Visible Emissions Notations

D.21.7 Parametric Monitoring

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

D.21.8 Recordkeeping Requirements and Reporting Requirements

D.22 FACILITY OPERATION CONDITIONS - Shot Blast

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

D.22.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

D.22.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

D.22.3 PSD Minor Limit [326 IAC 2-2]

D.22.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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D.22.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

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D.22.6 Particulate Control [326 IAC 2-7-6(6)]

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

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

D.22.8 Record Keeping Requirements

D.22.9 Reporting Requirements

D.23 FACILITY OPERATION CONDITIONS: Combustion

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

D.23.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

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

D.23.2 Record Keeping Requirements for Natural Gas

D.23.3 Reporting Requirements

Certification Form

Emergency/Deviation Occurrence Report

Natural Gas Fired Boiler Certification

Quarterly Compliance Monitoring Report

Quarterly Report Form

Semi-Annual Report

SECTION A

SOURCE SUMMARY

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

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

The Permittee owns and operates machining, cleaning, and heat treating facilities to produce transmissions for use in automobiles and light duty trucks. The Chrysler, LLC Kokomo Transmission Plant and Chrysler, LLC Kokomo Casting Plant have been considered a single Title V major source. The combined source ID for the source is 067-00065.

Source Address:	Chrysler, LLC - Kokomo Transmission Plant 2401 S. Reed Road, Kokomo, Indiana 46904
Source Address:	Chrysler, LLC - Kokomo Casting Plant 1001 East Boulevard, Kokomo, Indiana 46904
Mailing Address:	2401 S. Reed Road, Kokomo, IN 46904
SIC Code:	3714
County Location:	Howard
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD Minor Source, under Section 112 of the Clean Air Act

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

The Permittee owns and operates machining, cleaning, and heat treating facilities to produce transmissions for use in automobiles and light duty trucks. The Chrysler, LLC Kokomo Transmission Plant and Chrysler, LLC Kokomo Casting Plant have been considered a single Title V major source. The Chrysler, LLC Kokomo Casting Plant was issued a separate Title V permit under the Part 70 No. T 067-5246-00065.

The Chrysler, LLC Kokomo Transmission Plant consists of the following emission units and pollution control devices:

1. One (1) spreader stoker boiler, identified as Boiler 1, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler. (This boiler has been removed from the source.)
2. One (1) spreader stoker boiler, identified as Boiler 2, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler. (This boiler has been removed from the source.)
3. One (1) spreader stoker boiler, identified as Boiler 3, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, a using cyclone as control, exhausting to the common stack boiler. (This boiler has been removed from the source.)
4. One (1) boiler, identified as boiler 4, segment ID 1, fueled by reclaimed residual oil, and segment ID 2, fueled by natural gas, maximum heat capacity is 90 MMBtu per hour, and exhausting to the common stack boiler.
5. One (1) boiler, identified as boiler 5, segment ID 1, fueled by natural gas, maximum heat capacity is 120 MMBtu per hour, and exhausting to the common stack boiler.

6. One (1) pneumatic shot blasting unit, identified as 324739, segment ID 2, modified in 2007, media used is steel shot, shot circulation rate is 24 tons per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is September 1988)
7. One (1) pneumatic walnut shell shot blasting unit, identified as AC- NK8991, segment ID 1, using a dry cartridge filter as control and exhausting inside the plant.
8. One (1) pneumatic shot blasting unit, identified as NK5448, segment ID 2, modified in 2007, media used is steel shot, shot circulation rate is 18 tons per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is 1965)
9. Four (4) pneumatic shot blasting units, identified as 180732, 132641, 180532, 180548 segment ID 2, media used is steel shot, shot circulation rate is 18 tons per hour each. Units 132641, 180532, and 180548, modified in 2007, use a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. Unit 180732 uses a dry cartridge filter collector identified as brass tag #180732 for PM control, with a nominal flow of 4,000 acfm. All emissions exhaust inside the building. (Installation date is December 1977)
10. One (1) pneumatic shot blasting unit, identified as 199672, segment ID 2, modified in 2007, media used is steel shot, shot circulation rate is 18 tons per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is April 1984)
11. One (1) pneumatic shot blasting unit, identified as 132544, segment ID 2, modified in 2007, media used is steel shot, shot circulation rate is 18 tons per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is April 1985)
12. One (1) pneumatic shot blasting, identified as 220545, media used is steel shot, using wet scrubber for control and exhausting to a stack. (This unit has been removed from service.)
13. Four (4) internal combustion engines, identified as DYNA 1 through DYNA 4 segment ID 1, fueled by gasoline, combined heat capacity is 16.8 MMBtu per hour and exhausting to stacks.
14. Several cold cleaner basins, identified as CC, segment ID 1, solvent used is stoddard, agitation method is manual dip and/or spray, a lid is used as control when the degreasing operation is not in use.
15. Maintenance painting, identified as MAINTPT, segment ID 1.
16. One (1) Wheelabrator Multi-table Shotblast Deburr identified as AAA006276, modified in 2007, media used is steel shot, recirculation rate is 48,000 pounds per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm, All emissions exhaust inside the building. (Installation date is March 1999).
17. One (1) Wheelabrator #22 Super III Tumblast identified as AAA012334, modified in 2007, media used is steel shot, recirculation rate is 56,760 pounds per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm, All emissions exhaust inside the building. (Installation date is March 1999)

18. One (1) Engineered Abrasive Shot Blaster identified as AAA018493, media used is steel shot, recirculation rate is 14,400 pounds per hour, using a dry cartridge filter collector identified as brass tag #AAA018493 for PM control, with a nominal flow of 2,000 acfm. All emissions exhaust inside the building. (Installation date is March 1999)
19. One (1) Engineered Abrasive Shot Blaster identified as AAA018494, modified in 2007, media used is steel shot, recirculation rate is 14,400 pounds per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is March 1999)
20. One hundred sixteen (116) wet machines, controlled by nine (9) oil mist collectors, each machine oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm).
21. Two (2) dynamometer test cells for the testing of transmissions, identified as DYNA 8 and DYNA 9, each powered by a variety of internal combustion engines, each engine being fueled by gasoline, each with a maximum heat capacity not to exceed 4.2 million British thermal units (MMBtu), and each exhausting through one (1) stack equipped with a catalytic converter for air pollution control.
22. One hundred (100) wet machines, controlled by oil mist collectors. Each machine has a maximum air flow rate of 1,000 actual cubic feet per minute (acfm).
23. Seven (7) natural gas-fired atmosphere generators, with heat treat atmosphere from the atmosphere generators combusted by flaring as it exits the associated heat treat furnaces, each with a maximum heat input capacity of one (1) MMBtu per hour.
24. Thirty (30) wet machines, controlled by oil mist collectors. Each machine has a maximum air flow rate of 1,000 actual cubic feet per minute (acfm).
25. Forty (40) wet machines, to be constructed in 2004, each controlled by an oil mist collector. Each machine has a maximum air flow rate of 1,000 actual cubic feet per minute (acfm).
26. Two (2) natural gas and fuel oil-fired boilers, exhausting through the common boiler stack, with a maximum capacity of 99 MMBtu/hr each.
27. One (1) portable natural gas-fired boiler, exhausting through the common boiler stack, with a maximum capacity of 99 MMBtu/hr. (Was removed from the source on April 24, 2006.)
28.
 - (a) Thirty-two (32) wet machines, controlled by six (6) oil mist collectors, relocated in 2008; each oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm);
 - (b) Seventy-seven (77) wet machines, approved for construction in 2008, utilizing mist collectors to control particulate matter, and using water-based cutting fluids.
29. One (1) Shotblast Unit, approved for construction in 2008, with a maximum throughput rate of 39,855 lbs/hr, utilizing canister or similar type dust collector as control for particulate matter, and exhausting via stack to ambient atmosphere.

A.3 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 as defined in 326 IAC 2-7-1(21):

1. Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) BTU per hour, including the following:
 - (a) space heaters
 - (b) heat treating furnaces
2. Combustion source flame safety purging on startup.
3. A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons.
4. A petroleum fuel, other than gasoline, dispensing facility having a storage capacity less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
5. The following VOC and HAP storage container: Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.
6. Application of oils, greases, lubricants, or other nonvolatile materials applied as temporary protective coatings.
7. Closed loop heating and cooling systems.
8. Groundwater oil recovery wells.
9. Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.
10. Any operation using aqueous solutions containing less than 1% by weight of VOC's, excluding HAPs.
11. Forced and induced draft cooling tower system not regulated under a NESHAP.
12. Quenching operations used with heat treating processes.
13. Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.
14. Heat exchanger cleaning and repair.
15. Stockpiled soils from soil remediation activities that are covered and waiting transportation for disposal.
16. Paved and unpaved roads and parking lots with public access.
17. Covered conveyors for coal or coke conveying less than or equal to 360 tons per day.
18. Uncovered coal conveying of less than or equal to 120 tons per day.
19. Underground conveyors.
20. Coal bunker and coal scale exhausts and associated dust collector vents.
21. Asbestos abatement projects regulated by 326 IAC 14-10.

22. Purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process.
23. Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks and fluid handling equipment.
24. Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.
25. Diesel generators not exceeding 1600 horsepower, as follows:
 - (a) One (1) WWT diesel backup emergency generator, rated at 31 horsepower and with maximum operating hours of 500 hrs/year.
26. Natural Gas-fired internal combustion emergency generators not exceeding 16,000 horsepower.
27. Two (2) Propane-fired internal combustion emergency generators, each rated at 50 horsepower, and each with maximum operating hours of 500 hrs/year.
28. Stationary fire pumps.
 - (a) Two (2) Diesel Fire Pumps, one (1) rated at 200 horsepower and one (1) rated at 400 horsepower, and each with maximum operating hours of 500 hrs/year
29. 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 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; polishing; abrasive blasting; pneumatic conveying; and woodworking operations.
30. Filter or coalesce media change out.
31. Vents from ash transport systems not operated at positive pressure.
32. A laboratory as defined in 326 IAC 2-7-1 (20)(c).
33. Metal Cleaning - Powder Cleaner
34. Metal Cleaning - Acid/Caustic Cleaner
35. Abrasive Cleaning - Deburring Liquid
36. Production Welding
37. Gasoline Storage
38. Diesel Storage
39. Reclaimed Oil Storage
40. Tinning
41. WWTP Sulfuric Acid Storage
42. Ink usage, identified as ink, segment ID 1.

43. Floor cleaner, identified as MAINTFC, segment ID 1.
44. Multiple individual machining operations, identified as MACH, segment ID 1, consisting of an oil mist from cutting oil, synthetic grinding coolant, and drilling oil, using air washers (scrubbers), and dust collectors as control.
45. Activities or categories not previously identified with emissions less than or equal to insignificant thresholds:
 - (a) Machining operations consisting of one hundred and five (105) wet machines, identified as Wet Mach, and each machine with maximum air flow rate of 750 actual cubic feet per minute (acfm).
46. Fourteen (14) laser welders, each controlled with a particulate control device with a flow rate of 700 actual cubic feet per minute (acfm).
47. Two (2) Metal Impregnation Machines, with no associated air emissions.
48. Two (2) Parts Washer Units, using water-based liquids, with no associated air emissions.
49. One (1) natural gas-fired Heat Treat Furnace, approved for construction in 2008, with a heat input capacity of 5.84 MMBtu/hr.

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

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

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

SECTION B GENERAL CONDITIONS

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

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

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

- (a) This permit, T 067-6504-00065, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

and

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

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

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

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

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

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

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865
 - (5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

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

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

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

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 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]

- (a) All terms and conditions of permits established prior to T 067-6504-00065 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)]

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

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

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

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

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

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

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

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

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating 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
Permits Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

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

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

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

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

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

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

- (a) No Part 70 permit revision shall be required under any approved economic incentives,

marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

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

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

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

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;
- (3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

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

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

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

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

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

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

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

B.21 Source Modification Requirement [326 IAC 2-7-10.5] [326 IAC 2-2-2] [326 IAC 2-3-2]

- (a) A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.
- (b) Any modification at an existing major source is governed by the requirements of 326 IAC 2-2-2.

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

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

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

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

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

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

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

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

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

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

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

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

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

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 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.2 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.3 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.4 Fugitive Dust Emissions [326 IAC 6-4]

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

C.5 Stack Height [326 IAC 1-7]

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

C.6 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 two hundred sixty (260) linear feet on pipes or one hundred sixty (160) square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:

- (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

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

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least seventy-five hundredths (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.7 Performance Testing [326 IAC 3-6]

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

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

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

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

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

Compliance Requirements [326 IAC 2-1.1-11]

C.8 Compliance Requirements [326 IAC 2-1.1-11]

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

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

C.9 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

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

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

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

C.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

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

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

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

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

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:

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

within ninety (90) days after the date of issuance of this permit.

The ERP does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) 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.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

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

C.14 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records;
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

C.15 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.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

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

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

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
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) The Chrysler, LLC Kokomo Transmission Plant and the Chrysler, LLC Kokomo Casting Plant have been determined to be one source for Title V. Separate Title V permits have been issued for administrative purposes. The Chrysler, LLC Kokomo Casting Plant was issued Title V permit, 067-5246-00002. The emissions information for each plant shall be submitted on separate emissions statements. The emission statement submitted by the Chrysler, LLC Kokomo Transmission Plant shall include the original plant ID of 067-00002 and the combined source plant ID of 067-00065.

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

(c) If there is a "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit other than a project at a source with a Plantwide Applicability Limitation (PAL),

which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with the following:

- (1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, document and maintain the following records:
 - (A) A description of the project.
 - (B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.
 - (C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:
 - (i) Baseline actual emissions;
 - (ii) Projected actual emissions;
 - (iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1(mm)(2)(A)(iii); and
 - (iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.
- (2) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and
- (3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if

received by IDEM, OAQ on or before the date it is due.

- (d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) 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.
- (f) If the Permittee is required to comply with the record keeping provisions of (c) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(II)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:
 - (1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C - General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1(xx) and/or 326 IAC 2-3-1(qq)), for that regulated NSR pollutant, and
 - (2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).
- (g) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:
 - (1) The name, address, and telephone number of the major stationary source.
 - (2) The annual emissions calculated in accordance with (c)(2) and (3) in Section C - General Record Keeping Requirements.
 - (3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).
 - (4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

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

- (h) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C - General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

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

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

SECTION D.1

FACILITY OPERATION CONDITIONS

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

- (1) One (1) spreader stoker boiler, identified as Boiler 1, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler. (This boiler has been removed from the source.)
- (2) One (1) spreader stoker boiler, identified as Boiler 2, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, using a cyclone as control, exhausting to the common stack boiler. (This boiler has been removed from the source.)
- (3) One (1) spreader stoker boiler, identified as Boiler 3, segment ID 1, fueled by coal, maximum heat capacity is 47 MMBtu per hour, a using cyclone as control, exhausting to the common stack boiler. (This boiler has been removed from the source.)

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

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

D.1.1 Boiler Shutdown

Pursuant to U.S. EPA Administrative Consent Order EPA-5-05-113(a) IN-03, Boiler Nos. 1, 2 and 3 were permanently shut down on April 15, 2005, and demolition was accomplished by July 31, 2005.

D.1.2 Prevention of Significant Deterioration [326 IAC 2-2]

Chrysler, LLC shall achieve, demonstrate and maintain compliance with Section 165(a) of the Clean Air Act, 42 USC 7475(a), the federally-approved Indiana PSD regulations at 326 IAC 2-2, and Sections 503(c) and 504(a) of the Clean Air Act, 42 USC 7661b(c) and 7661c(a), at its Facility.

D.1.3 Emission Offsets, Credits and Netting [326 IAC 2-2] [326 IAC 2-3]

Pursuant to U.S. EPA Administrative Consent Order EPA-5-05-113(a) IN-03:

- (a) Chrysler, LLC shall never use or sell in any emission trading or marketing program of any kind any SO₂ or PM emission allowances or credits resulting from the shutdown of coal-fired boilers 1, 2 and 3, and Chrysler, LLC shall never use or sell in any emission trading or marketing program of any kind more than 60 tons per year of NO_x emission allowances or credits resulting from the shutdown of coal-fired boilers 1, 2 and 3; and
- (b) Chrysler, LLC shall never use any SO₂ or PM emission reductions generated as a result of the shutdown of coal-fired boilers 1, 2 and 3 for the purpose of obtaining netting credits or offsets under the Clean Air Act's PSD or NSR (meaning the nonattainment area new source review program within the meaning of Part D of Subchapter I of the Clean Air Act, 42 USC 7510-7515, 40 CFR Part 51, and 326 IAC 2-3) programs, and that Chrysler, LLC shall never use more than sixty (60) tons per year of NO_x emission reductions generated as a result of the shutdown of coal-fired boilers 1, 2 and 3 for the purpose of obtaining netting credits or offsets under the Act's PSD or NSR programs.

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

D.1.4 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records of shutdown and demolition dates for Boiler Nos. 1, 2 and 3.

- (b) To document compliance with Condition D.1.3, the Permittee shall maintain records of all NO_x emission reductions generated as a result of the shutdown of coal-fired boilers 1, 2 and 3, their use in emission trading and marketing programs, and/or their use in obtaining netting credits or offsets under the PSD or NSR programs.
- (c) Upon the issuance of Significant Permit Modification 067-20936-00065, the permittee is relieved of the all recordkeeping requirements of U.S. EPA Administrative Consent Order EPA-5-05-113(a) IN-03.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.2

FACILITY OPERATION CONDITIONS

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

4. One (1) boiler, identified as Boiler 4, segment ID 1, fueled by reclaimed residual oil, and segment ID 2, fueled by natural gas, maximum heat capacity is 90 MMBtu per hour, and exhausting to the common stack boiler.

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

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

D.2.1 Particulate Emission Limitations for Sources of Indirect Heating [326 IAC 6.5-5-4]

Pursuant to 326 IAC 6.5-5-4 (formerly 326 IAC 6-1-15), the particulate emissions shall be limited to 0.75 pounds per million Btu for Boiler 4.

D.2.2 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-1]

Pursuant to 326 IAC 7-1.1 (SO₂ Emissions Limitations) the SO₂ emissions from Boiler 4 shall not exceed 1.6 pounds per MMBtu heat input. Based on a heating value of 140,000 Btu per gallon of oil, the fuel sulfur content of the oil used for fuel shall be limited to 1.5 percent (%).

D.2.3 Nonapplicable Requirements [326 IAC 2-7-15(a)(2)]

The requirements that are not applicable to this boiler in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

- (a) Boiler 4 is exempt from 40 CFR Part 60.40c Subpart Dc since the boiler was constructed in 1964 which predates the Subpart Dc applicability date of June 9, 1989.
- (b) There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

D.2.4 Sulfur Dioxide Emissions and Sulfur Content for reclaimed residual oil

Compliance shall be determined utilizing one of the following options.

- (a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that the fuel oil sulfur content does not exceed one and five-tenths percent (1.5%):

Analyzing the oil sample to determine the sulfur content via the procedures in ASTM test methods as described in 326 IAC 3-3-4(a).

Daily oil samples shall be collected from each tank unless the tank(s) have not been refilled that day. A composite of the samples shall be analyzed on a weekly basis. If the weekly analysis for oil sulfur content is less than or equal to 80% of the 1.5% (1.2%) limit for a one month period then the testing procedures will be changed as follows:

Daily oil samples shall be collected from each tank unless the tank(s) have not been refilled that day. A composite of the samples shall be analyzed on a monthly basis. If the monthly analysis exceeds 80% of the 1.5% (i.e. 1.2% sulfur by weight) limit, then weekly analysis will again be required until the sulfur content is less than or equal to 80% of the 1.5% (i.e., 1.2% sulfur by weight) limit for a one month period.

- (b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from Boiler 4, using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.

A determination of noncompliance pursuant to either of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.

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

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM or SO₂ limit specified in Condition D.2.1 and D.2.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.2.6 Visible Emissions Notations

- (a) Visible emission notations of the boiler's stack exhaust shall be performed once per day during normal daylight operations when exhausting to the atmosphere when combusting reclaimed residual oil. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.2.7 Fuel usage

When this Boiler 4 is using natural gas as fuel, there are no applicable compliance monitoring requirements.

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

D.2.8 Record Keeping Requirements for reclaimed residual oil

- (a) To document compliance with Condition D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below.
 - (1) Calendar dates covered in the compliance determination period;
 - (2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;
 - (3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

If the fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:

- (4) Fuel supplier certifications.
- (5) The name of the fuel supplier; and
- (6) A statement from the fuel supplier that certifies the sulfur content of the fuel oil.

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

- (b) To document compliance with Condition D.2.6, the Permittee shall maintain records of daily visible emission notations of the boiler's stack exhaust.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.9 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.2.2 shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported for residual oil.

D.2.10 Natural Gas Certification

The natural gas Boiler 4 certification form will document compliance with condition D.2.1 when the Boiler 4 is burning natural gas. The certification form shall be submitted quarterly to the address listed in Section C - General Reporting Requirements of this permit.

SECTION D.3

FACILITY OPERATION CONDITIONS

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

5. One (1) boiler, identified as boiler 5, segment ID 1, fueled by natural gas, maximum heat capacity is 120 MMBtu per hour, and exhausting to the common stack boiler.

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

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

D.3.1 Particulate emission limitations for sources of indirect heating [326 IAC 6.5-5-4]

Pursuant to 326 IAC 6.5-5-4 (formerly 326 IAC 6-1-15) particulate emissions shall be limited to 0.75 pounds per million Btu for Boiler 5.

D.3.2 Nonapplicable Requirements [326 IAC 2-7-15(a)(2)]

The requirements that are not applicable to this boiler in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

- (a) Boiler 5 is exempt from 40 CFR Part 60.40c Subpart Dc since the boiler was constructed in 1965 which predates the Subpart Dc applicability date of June 9, 1989.
- (b) There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

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

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.3.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.3.4 Fuel usage

The Boiler 5 is using natural gas fuel only, thus there are no applicable compliance monitoring requirements.

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

D.3.5 Natural Gas Certification

The natural gas Boiler 5 certification form will document compliance with condition D.3.1 when the Boiler 5 is burning natural gas. The certification form shall be submitted quarterly to the address listed in Section C - General Reporting Requirements of this permit .

SECTION D.4 FACILITY OPERATION CONDITIONS

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

7. One (1) pneumatic shot blasting, identified as AC- NK8991, segment ID 1, media used is walnut shell, using a dry cartridge as control and exhausting to a stack.

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

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

D.4.1 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), the shot blaster shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

Process/Facility	Process Exhaust (scfm)	PM/PM10 Allowable Emissions (lbs/hr)	Rule Requirement gr/dscf
Shot Blaster AC-NK8991	4,000	1.0	0.03

D.4.2 Nonapplicable Requirements [326 IAC 2-7-15(a)(2)] [40 CFR 52]

The requirements that are not applicable to this shot blaster in accordance with Section B - Permit Shield, of this permit

- (a) There are no New Source Performance Standards (326 IAC 12) applicable to this source.
- (b) 326 IAC 6-3 (Process Operations), is not applicable because sources or facilities that are located in the nonattainment counties listed in 326 IAC 6-1-7 and have potential to emit one hundred (100) tons or more of particulate matter per year or have actual emissions of ten (10) tons or more of particulate matter per year, shall comply with the limitations of 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2) rather than 326 IAC 6-3 (Process Operations).

Note: Although 326 IAC 6-1 was repealed, it remains in affect under 40 CFR 52, Subpart P.

Compliance Determination Requirement

D.4.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D4.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.4.4 Particulate Control [326 IAC 2-7-6(6)]

- (a) The dry cartridge filter, for particulate matter control shall be in operation at all times when the walnut shell shot blaster is in operation and exhausting to the atmosphere or inside the plant.
- (b) In the event that filtration failure is observed in a multi-compartment unit, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be

repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.4.5 Broken or Failed Cartridge Filter Detection

- (a) For a single compartment filtration unit 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 filtration unit 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 or emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Filtration unit failure can be indicated by a significant drop in the filtration unit'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.

D.4.6 Visible Emissions Notations

- (a) Visible emission notations of the associated control device's stack exhaust shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

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

D.4.7 Record Keeping Requirements

- (a) To document compliance with Condition D.4.6, the Permittee shall maintain records of daily visible emission notations as specified under Condition D.4.6.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.5

FACILITY OPERATION CONDITIONS

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

8. One (1) pneumatic shot blasting unit, identified as NK5448, segment ID 2, modified in 2007, media used is steel shot, shot circulation rate is 18 tons per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is 1965)

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

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

D.5.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply:
- (1) The total metallic HAPs content of the shot used by the shot blaster, identified as NK5448, shall not exceed 0.0175 pound of total metallic HAPs per pound of shot.
 - (2) The particulate emissions (PM/PM10) from the shot blaster, identified as NK5448, shall not exceed 4.10 pounds per hour.

Compliance with the above limits, along with the limits in Conditions D.6.1, D.7.1, D.9.1, and D.22.1 will ensure that the total metallic HAPs emitted as PM/PM10 from the shotblasting and tumbleblast units, identified in Sections D.5, D.6, D.7, D.9, and D.22, are less than 2.47 tons per twelve (12) consecutive month period.

- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:
- (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
 - (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

D.5.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), the shot blaster shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

D.5.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

D.5.4 Nonapplicable Requirements [326 IAC 2-7-15(a)(2)]

The requirements that are not applicable to this shot blaster in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

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

Within one hundred and eighty (180) days after initial startup of the dry cartridge filter collector identified as brass tag #AAA106510, the Permittee shall perform compliance testing for PM and PM₁₀ utilizing methods approved by the Commissioner.

- (a) Initial Testing - The initial testing will include all operating shotblasters. If the total controlled PM and PM₁₀ emissions from the dry cartridge filter are below the individual limits for each of the operating shotblasters, all units will be considered to be in compliance.
- (b) Sequential Testing - If the total PM and PM₁₀ emissions exceed the lowest individual limit for any shotblaster controlled by the dry cartridge filter, it will trigger sequential testing, as set forth herein. Sequential testing is performed by removing the unit(s) whose individual emission limit was exceeded during testing of the total combined exhaust from all shotblasters and retesting controlled PM and PM₁₀ emissions from the dry cartridge filter exhaust. The difference between the initial and sequential test represents the emissions contribution from that shotblaster removed. Sequential testing shall continue until the total PM emissions during a test are less than the lowest individual limit.
- (c) Additional testing will be required if any units not operating during the initial testing are subsequently brought into operation.

This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. PM₁₀ includes filterable and condensable PM₁₀.

D.5.6 Particulate Control [326 IAC 2-7-6(6)]

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

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

D.5.7 Broken or Failed Cartridge Filter Detection

- (a) For a single compartment filtration unit 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 filtration unit 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 or emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Filtration unit failure can be indicated by a significant drop in the filtration unit's pressure reading with

abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks, or dust traces.

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

D.5.8 Record Keeping Requirements

- (a) To document compliance with the Condition D.5.1, the Permittee shall maintain records in accordance with the following:
 - (1) The Permittee shall maintain records of material safety data sheets (MSDS), or their equivalent, necessary to verify the individual Metallic HAPs and the total Metallic HAPs content of the shot used during the compliance period. Vendor supplied Technical Data Sheets or Chrysler, LLC HAZCON sheets, detailing the alloy composition tested value, are an acceptable equivalent.
 - (2) The Permittee shall maintain records of the results of any compliance testing required in Condition D.5.5.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.5.9 Reporting Requirements

A summary of the information to document compliance with Conditions D.5.1 and D.5.2 shall be submitted to the address listed in Section C – General Reporting and Recordkeeping Requirements, upon request.

SECTION D.6

FACILITY OPERATION CONDITIONS

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

9. Four (4) pneumatic shot blasting units, identified as 180732, 132641, 180532, 180548 segment ID 2, media used is steel shot, shot circulation rate is 18 tons per hour each. Units 132641, 180532, and 180548, modified in 2007, use a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. Unit 180732 uses a dry cartridge filter collector identified as brass tag #180732 for PM control, with a nominal flow of 4,000 acfm. All emissions exhaust inside the building. (Installation date is December 1977)

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

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

D.6.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply:
- (1) The total metallic HAPs content of the shot used by the shot blaster units, identified as 180732, 132641, 180532, and 180548, shall not exceed 0.0175 pound of total metallic HAPs per pound of shot.
 - (2) The particulate emissions (PM/PM10) from the shot blaster, identified as 180732, shall not exceed 1.00 pounds per hour.
 - (3) The particulate emissions (PM/PM10) from the shot blaster, identified as 132641, shall not exceed 4.10 pounds per hour.
 - (4) The particulate emissions (PM/PM10) from the shot blaster, identified as 180532, shall not exceed 4.10 pounds per hour.
 - (5) The particulate emissions (PM/PM10) from the shot blaster, identified as 180548, shall not exceed 4.10 pounds per hour.
- Compliance with the above limits, along with the limits in Conditions D.5.1, D.7.1, D.9.1, and D.22.1 will ensure that the total metallic HAPs emitted as PM/PM10 from the shotblasting and tumbleblast units, identified in Sections D.5, D.6, D.7, D.9, and D.22 are less than 2.47 tons per twelve (12) consecutive month period.
- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:
- (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
 - (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

D.6.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

D.6.3 PSD Minor Limit [326 IAC 2-2]

PM emissions from the shot blasting units identified as 180732, 132641, 180532 and 180548 shall not exceed a total of 5.70 pounds per hour. This shall limit the potential to emit of PM from these facilities to less than 25 tons per year. Compliance with this limit renders the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.6.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

D.6.5 Nonapplicable Requirements [326 IAC 2-7-15(a)(2)]

The requirements that are not applicable to these shot blasters in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

D.6.6 Testing Requirements [326 IAC 2-7-6(1),(6)]

Within one hundred and eighty (180) days after initial startup of the dry cartridge filter collector identified as brass tag #AAA106510, the Permittee shall perform compliance testing for PM and PM₁₀ utilizing methods approved by the Commissioner.

- (a) Initial Testing - The initial testing will include all operating shotblasters. If the total controlled PM and PM₁₀ emissions from the dry cartridge filter are below the individual limits for each of the operating shotblasters, all units will be considered to be in compliance.
- (b) Sequential Testing - If the total PM and PM₁₀ emissions exceed the lowest individual limit for any shotblaster controlled by the dry cartridge filter, it will trigger sequential testing, as set forth herein. Sequential testing is performed by removing the unit(s) whose individual emission limit was exceeded during testing of the total combined exhaust from all shotblasters and retesting controlled PM and PM₁₀ emissions from the dry cartridge filter exhaust. The difference between the initial and sequential test represents the emissions contribution from that shotblaster removed. Sequential testing shall continue until the total PM emissions during a test are less than the lowest individual limit.
- (c) Additional testing will be required if any units not operating during the initial testing are subsequently brought into operation.

This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. PM₁₀ includes filterable and condensable PM₁₀.

D.6.7 Particulate Control [326 IAC 2-7-6(6)]

- (a) In order to comply with Conditions D.6.1, D.6.2 and D.6.3, the dry cartridge filter for particulate control shall be in operation and control emissions from the shot blasting units at all times that the shot blasting units are in operation.
- (b) In the event that filtration failure is observed in a multi-compartment unit, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.6.8 Broken or Failed Cartridge Filter Detection

- (a) For a single compartment filtration unit 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 filtration unit 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 or emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

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

D.6.9 Record Keeping Requirements

- (a) To document compliance with the Condition D.6.1, the Permittee shall maintain records in accordance with the following:
 - (1) The Permittee shall maintain records of material safety data sheets (MSDS), or their equivalent, necessary to verify the individual Metallic HAPs and the total Metallic HAPs content of the shot used during the compliance period. Vendor supplied Technical Data Sheets or Chrysler, LLC HAZCON sheets, detailing the alloy composition tested value, are an acceptable equivalent.
 - (2) The Permittee shall maintain records of the results of any compliance testing required in Condition D.6.6.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.6.10 Reporting Requirements

A summary of the information to document compliance with Conditions D.6.1, D.6.2, and D.6.3 shall be submitted to the address listed in Section C - General Reporting Requirements, upon request.

SECTION D.7

FACILITY OPERATION CONDITIONS

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

6. One (1) pneumatic shot blasting unit, identified as 324739, segment ID 2, modified in 2007, media used is steel shot, shot circulation rate is 24 tons per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is September 1988)
10. One (1) pneumatic shot blasting unit, identified as 199672, segment ID 2, modified in 2007, media used is steel shot, shot circulation rate is 18 tons per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is April 1984)
11. One (1) pneumatic shot blasting unit, identified as 132544, segment ID 2, modified in 2007, media used is steel shot, shot circulation rate is 18 tons per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm. All emissions exhaust inside the building. (Installation date is April 1985)

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

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

D.7.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply:
 - (1) The total metallic HAPs content of the shot used by the pneumatic shotblasting units, identified as 324739, 199672, and 132544, shall not exceed 0.0175 pound of total metallic HAPs per pound of shot.
 - (2) The particulate emissions (PM/PM10) from the pneumatic shotblasting unit, identified as 324739, shall not exceed 4.10 pounds per hour.
 - (3) The particulate emissions (PM/PM10) from the pneumatic shotblasting unit, identified as 199672, shall not exceed 4.10 pounds per hour.
 - (4) The particulate emissions (PM/PM10) from the pneumatic shotblasting unit, identified as 132544, shall not exceed 4.10 pounds per hour.

Compliance with the above limits, along with the limits in Conditions D.5.1, D.6.1, D.9.1, and D.22.1 will ensure that the total metallic HAPs emitted as PM/PM10 from the shotblasting and tumbleblast units, identified in Sections D.5, D.6, D.7, D.9, and D.22 are less than 2.47 tons per twelve (12) consecutive month period.
- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:
 - (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
 - (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

D.7.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

D.7.3 PSD Minor Limit [326 IAC 2-2]

- (a) PM emissions from the shot blasting units identified as 324739, 199672, and 132544 shall not exceed a total of 5.70 pounds per hour. This shall limit the potential to emit of PM from these facilities to less than 25 tons per year. Compliance with this limit renders the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.
- (b) PM₁₀ emissions from the shot blasting unit identified as 324739 shall not exceed 3.42 pounds per hour. This shall limit the potential to emit of PM₁₀ from this facility to less than 15 tons per year. Compliance with this limit renders the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.7.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

D.7.5 Nonapplicable Requirements [326 IAC 2-7-15(a)(2)]

The requirements that are not applicable to these shot blasters in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

There are no New Source Performance Standards (326 IAC 12) applicable to this source.

Compliance Determination Requirement

D.7.6 Testing Requirements [326 IAC 2-7-6(1),(6)]

Within one hundred and eighty (180) days after initial startup of the dry cartridge filter collector identified as brass tag #AAA106510, the Permittee shall perform compliance testing for PM and PM₁₀ utilizing methods approved by the Commissioner.

- (a) Initial Testing - The initial testing will include all operating shotblasters. If the total controlled PM and PM₁₀ emissions from the dry cartridge filter are below the individual limits for each of the operating shotblasters, all units will be considered to be in compliance.
- (b) Sequential Testing - If the total PM and PM₁₀ emissions exceed the lowest individual limit for any shotblaster controlled by the dry cartridge filter, it will trigger sequential testing, as set forth herein. Sequential testing is performed by removing the unit(s) whose individual emission limit was exceeded during testing of the total combined exhaust from all shotblasters and retesting controlled PM and PM₁₀ emissions from the dry cartridge filter exhaust. The difference between the initial and sequential test represents the emissions contribution from that shotblaster removed. Sequential testing shall continue until the total PM emissions during a test are less than the lowest individual limit.
- (c) Additional testing will be required if any units not operating during the initial testing are subsequently brought into operation.

This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. PM₁₀ includes filterable and condensable PM₁₀.

D.7.7 Particulate Control [326 IAC 2-7-6(6)]

- (a) In order to comply with Conditions D.7.1, D.7.2 and D.7.3, the dry cartridge filter for particulate control shall be in operation and control emissions from the shot blasting units at all times that the shot blasting units are in operation.
- (b) In the event that filtration failure is observed in a multi-compartment unit, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.7.8 Broken or Failed Cartridge Filter Detection

- (a) For a single compartment filtration unit 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 filtration unit 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 or emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

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

D.7.9 Record Keeping Requirements

- (a) To document compliance with the Condition D.7.1, the Permittee shall maintain records in accordance with the following:
 - (1) The Permittee shall maintain records of material safety data sheets (MSDS), or their equivalent, necessary to verify the individual Metallic HAPs and the total Metallic HAPs content of the shot used during the compliance period. Vendor supplied Technical Data Sheets or Chrysler, LLC HAZCON sheets, detailing the alloy composition tested value, are an acceptable equivalent.
 - (2) The Permittee shall maintain records of the results of any compliance testing required in Condition D.7.6.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.7.10 Reporting Requirements

A summary of the information to document compliance with Conditions D.7.1 and D.7.2 shall be submitted to the address listed in Section C – General Reporting and Recordkeeping Requirements, upon request.

SECTION D.8 FACILITY OPERATION CONDITIONS

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

14. Several cold cleaner basins, identified as CC, segment ID 1, solvent used is stoddard, agitation method is manual dip and/or spray, a lid is used as control when the degreasing operation is not in use.

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

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

D.8.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), the owner or operator 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.8.2 Nonapplicable Requirements [326 IAC 2-7-15(a)(2)]

The requirements that are not applicable to these cold cleaners in accordance with Section B - Permit Shield, of this permit and 326 IAC 2-7-15 have been determined to be as follows:

- (a) The solvent basins, ID CC, segment ID 1, are exempt from 40 CFR 63 Subpart T since the solvent does not contain any of the cleaning solvents mentioned in the rule.
- (b) There are no New Source Performance Standards (326 IAC 12) applicable to this source.
- (c) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP) applicable to this source.

Compliance Determination Requirements

D.8.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

SECTION D.9

FACILITY OPERATION CONDITIONS

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

16. One (1) Wheelabrator Multi-table Shotblast Deburr identified as AAA006276, modified in 2007, media used is steel shot, recirculation rate is 48,000 pounds per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm, All emissions exhaust inside the building. (Installation date is March 1999).
17. One (1) Wheelabrator #22 Super III Tumblast identified as AAA012334, modified in 2007, media used is steel shot, recirculation rate is 56,760 pounds per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm, All emissions exhaust inside the building. (Installation date is March 1999)
18. One (1) Engineered Abrasive Shot Blaster identified as AAA018493, media used is steel shot, recirculation rate is 14,400 pounds per hour, using a dry cartridge filter collector identified as brass tag #AAA018493 for PM control, with a nominal flow of 2,000 acfm. All emissions exhaust inside the building. (Installation date is March 1999)
19. One (1) Engineered Abrasive Shot Blaster identified as AAA018494, modified in 2007, media used is steel shot, recirculation rate is 14,400 pounds per hour, using a dry cartridge filter collector identified as brass tag #AAA106510 for PM control, with a nominal flow of 3,830 acfm, All emissions exhaust inside the building. (Installation date is March 1999)

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

Emission Limitations and Standards

D.9.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply.
 - (1) The total metallic HAPs content of the shot used by the Wheelabrator Multi table Shotblast Deburr (ID# AAA006276), Wheelabrator #22 Super III Tumblast (ID# AAA012334), Engineered Abrasive Shot Blaster (ID# AAA018493), and Engineered Abrasive Shot Blaster (ID# AAA018494), shall not exceed 0.0175 pound of total metallic HAPs per pound of shot.
 - (2) The particulate emissions (PM/PM₁₀) from the Wheelabrator Multi table Shotblast Deburr (ID# AAA006276), shall not exceed 1.08 pounds per hour.
 - (3) The particulate emissions (PM/PM₁₀) from the Wheelabrator #22 Super III Tumblast (ID# AAA012334), shall not exceed 1.3 pounds per hour.
 - (4) The particulate emissions (PM/PM₁₀) from the Engineered Abrasive Shot Blaster (ID# AAA018494), shall not exceed 0.13 pounds per hour.
 - (5) The particulate emissions (PM/PM₁₀) from the Engineered Abrasive Shot Blaster (ID# AAA018493), shall not exceed 0.06 pounds per hour.

Compliance with the above limits, along with the limits in Conditions D.5.1, D.6.1, D.7.1, and D.22.1 will ensure that the total metallic HAPs emitted as PM/PM₁₀ from the shotblasting and tumbleblast units, identified in Sections D.5, D.6, D.7, D.9, and D.22 are less than 2.47 tons per twelve (12) consecutive month period.

- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:
- (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
 - (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

D.9.2 Particulate Matter (PM)-[326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

D.9.3 PSD Minor Limit [326 IAC 2-2]

- (a) PM emissions from the shot blasting units identified as AAA006276, AAA012334, AAA018493, and AAA018494 shall not exceed a total of 5.70 pounds per hour. This shall limit the potential to emit of PM from these facilities to less than 25 tons per year. Compliance with this limit renders the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.
- (b) PM₁₀ emissions from the shot blasting units identified as AAA006276, AAA012334, AAA018493, and AAA018494 shall not exceed a total of 3.42 pounds per hour. This shall limit the potential to emit of PM from these facilities to less than 25 tons per year. Compliance with this limit renders the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.9.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.9.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

Within one hundred and eighty (180) days after initial startup of the dry cartridge filter collector identified as brass tag #AAA106510, the Permittee shall perform compliance testing for PM and PM₁₀ utilizing methods approved by the Commissioner.

- (a) Initial Testing - The initial testing will include all operating shotblasters. If the total controlled PM and PM₁₀ emissions from the dry cartridge filter are below the individual limits for each of the operating shotblasters, all units will be considered to be in compliance.
- (b) Sequential Testing - If the total PM and PM₁₀ emissions exceed the lowest individual limit for any shotblaster controlled by the dry cartridge filter, it will trigger sequential testing, as set forth herein. Sequential testing is performed by removing the unit(s) whose individual emission limit was exceeded during testing of the total combined exhaust from all shotblasters and retesting controlled PM and PM₁₀ emissions from the dry cartridge filter exhaust. The difference between the initial and sequential test represents the emissions contribution from that shotblaster removed. Sequential testing shall continue until the total PM emissions during a test are less than the lowest individual limit.
- (c) Additional testing will be required if any units not operating during the initial testing are subsequently brought into operation.

This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing. PM₁₀ includes filterable and condensable PM₁₀.

D.9.6 Particulate Control [326 IAC 2-7-6(6)]

- (a) In order to comply with Conditions D.9.1, D.9.2 and D.9.3, the dry cartridge filter for particulate control shall be in operation and control emissions from the shot blasting units at all times that the shot blasting units are in operation.
- (b) In the event that filtration failure is observed in a multi-compartment unit, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

Compliance Monitoring Requirements

D.9.7 Broken or Failed Cartridge Filter Detection

- (a) For a single compartment filtration unit 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 filtration unit 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 or emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

Record Keeping and Reporting Requirement

D.9.8 Record Keeping Requirements

- (a) To document compliance with the Condition D.9.1, the Permittee shall maintain records in accordance with the following:
 - (1) The Permittee shall maintain records of material safety data sheets (MSDS), or their equivalent, necessary to verify the individual Metallic HAPs and the total Metallic HAPs content of the shot used during the compliance period. Vendor supplied Technical Data Sheets or Chrysler, LLC HAZCON sheets, detailing the alloy composition tested value, are an acceptable equivalent.
 - (2) The Permittee shall maintain records of the results of any compliance testing required in Condition D.9.5.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.9.9 Reporting Requirements

A summary of the information to document compliance with Conditions D.9.1 and D.9.2 shall be submitted to the address listed in Section C – General Reporting and Recordkeeping Requirements, upon request.

SECTION D.10

FACILITY OPERATION CONDITIONS

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

20. One hundred sixteen (116) wet machines, controlled by nine (9) oil mist collectors, each machine oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm).

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

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

D.10.1 Prevention of Significant Deterioration (PSD) [326 IAC 2-2]

The Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM10) emissions from each of the nine (9) oil mist collectors which control the one hundred sixteen (116) wet machines shall be limited as follows:

Outlet Grain Loading grain per dry standard cubic foot (gr/dscf)	PM/PM10 Emissions Limit (pounds per hour)
0.03	0.05

Compliance with this Condition and Conditions D.10.4, D.10.6 and D.10.7 will make 326 IAC 2-2 (PSD) not applicable and will also satisfy the requirements under 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2).

D.10.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential VOC emissions to 25 tons per year or more from the fluid application to the wet machines covered in this permit must be approved by the Office of Air Quality (OAQ) and be subject to 326 IAC 8-1-6 (General Reduction Requirements) before such change may occur.

D.10.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.10.4 Particulate Control [326 IAC 2-7-6(6)]

The oil mist collectors shall be in operation at all times when the wet machines are in operation.

D.10.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Compliance stack tests on two(2) representative oil mist collectors shall be made within 180 days after achieving maximum production rate, but no later than 365 days after receipt of this permit. The Permittee shall perform PM and PM10 testing. Testing shall be conducted using methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM-10 includes filterable and condensable PM-10. Testing shall be conducted in accordance with Section C- Performance Testing.

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

D.10.6 Visible Emissions Notations

- (a) Visible emission notations of the mist collectors stack exhaust shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.10.7 Parametric Monitoring

The Permittee shall record the pressure drop on the mist collectors used in conjunction with the wet machines, at least once weekly when any of the wet machines is in operation and when venting to the atmosphere. When for any one reading, the pressure drop is outside the normal range of 0.1 to 2.5 inches of water, or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C – Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned is not a deviation from this permit. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.

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

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

D.10.8 Record Keeping Requirements and Reporting Requirements

- (a) To document compliance with Condition D.10.6, the Permittee shall maintain records of the daily visible emission notations of the wet machines mist collectors stack exhausts.
- (b) To document compliance with Condition D.10.7, the Permittee shall maintain weekly records of the pressure drop during normal operation when venting to the atmosphere.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of the Part 70 permit.

SECTION D.11

FACILITY OPERATION CONDITIONS

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

13. Four (4) internal combustion engine test cells, identified as DYNA 1 through DYNA 4, segment ID 1, fueled by gasoline, combined heat capacity is 16.8 MMBtu per hour and exhausting to stacks.
21. Two (2) dynamometer test cells for the testing of transmissions, identified as DYNA 8 and DYNA 9, each powered by a variety of internal combustion engines, each engine being fueled by gasoline, each with a maximum heat capacity not to exceed 4.2 million British thermal units (MMBtu), and each exhausting through one (1) stack equipped with a catalytic converter for air pollution control.

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

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

D.11.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply:
 - (1) The input of gasoline to the four (4) internal combustion engine test cells, identified as DYNA 1 through DYNA 4, segment ID 1, shall be limited to less than 558,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with the above limit, and the PSD Minor Limit in Condition D.11.2(b), will ensure that the total HAPs emitted from DYNA 1 through DYNA 4, and DYNA 8 and DYNA 9 are less than 5.08 tons per twelve (12) consecutive month period.

- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:
 - (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
 - (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

D.11.2 PSD Minor Limit [326 IAC 2-2]

- (a) Emissions of carbon monoxide (CO) from the two (2) dynamometer test cells, identified as DYNA 8 and DYNA 9, shall not exceed 95.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month. This limit shall be enforced through a limitation on gasoline throughput per twelve (12) consecutive month period, a site specific CO emission factor, and operation of the catalytic converters. Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.
- (b) Gasoline throughput of the two (2) dynamometer test cells, identified as DYNA 8 and DYNA 9, shall not exceed 190,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month. This limit is based on an applicant submitted CO emission factor of 5.3 pounds per gallon of gasoline before controls (from

previous stack tests), and a control efficiency of 81.2%, which results in a CO emission factor after controls of 1.0 pounds per gallon of gasoline combusted.

- (c) The results of testing required in Condition D.11.5 shall be used to confirm the after controls emission factor of 1.0 pounds of CO per gallon of gasoline combusted. If testing indicates a different emission factor, gasoline usage shall be adjusted to limit CO emissions to 95.0 tons per twelve (12) consecutive month period, as follows:

$$\text{Gasoline throughput (gallons/year)} = \frac{95.0 \text{ tons of CO per year}}{\text{lbs of CO per gallon of gasoline} \times 1 \text{ ton}/2000 \text{ lbs}}$$

- (d) Any change or modification of the two (2) dynamometer test cells, identified as DYNA 8 and DYNA 9, that would increase the potential to emit of CO to more than 100 tons per year, shall obtain approval from the Office of Air Quality (OAQ), as required by 326 IAC 2-1, before such change can occur.

D.11.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section C - Preventive Maintenance Plan, of this permit, is required for the two (2) dynamometer test cells, identified as DYNA 8 and DYNA 9, their control devices.

Compliance Determination Requirements

D.11.4 Carbon Monoxide (CO)

In order to assure compliance with Condition D.11.2, the catalytic converter for each of the two (2) dynamometer test cells, identified as DYNA 8 and DYNA 9, shall operate at all times that each test cell is in operation.

D.11.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Within one hundred and eighty (180) days after initial startup, the Permittee shall conduct a performance test to verify the after controls CO emission factor utilized in Condition D.11.2(b) utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

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

D.11.6 Parametric Monitoring

- (a) The Permittee shall record the operating temperature of each catalytic converter at least once per day when each of the two (2) dynamometer test cells, identified as DYNA 8 and DYNA 9, are in operation. These readings shall not be taken during startup. Except during stack testing, until the approved stack test results are available, when for any one reading, the operating temperature of the catalytic converter is outside the normal operating temperature range of 1,100 to 1,400^oF, the Permittee shall take appropriate response steps in accordance with Section C- Response to Excursions or Exceedances. A temperature reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.
- (b) The Permittee shall determine the hourly average temperature from the most recent valid stack test that demonstrates compliance with limits in Condition D.11.2, as approved by IDEM.
- (c) Except during stack testing, on and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Response to Excursions or Exceedances whenever the temperature of the either

catalytic converter is below the hourly average temperature as observed during the compliant stack test. A temperature that is below the hourly average temperature as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.11.7 Catalytic Converter Inspections

An inspection shall be performed each calendar quarter of the exterior of the catalytic converters and their connections to the dynamometer cells looking for signs of physical damage, including corrosion. Any required maintenance indicated by the inspection shall be performed.

D.11.8 Catalyst Replacement

The catalysts used in the catalytic converters shall be replaced on an annual basis.

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

D.11.9 Recordkeeping Requirements

- (a) To document compliance with the Condition D.11.1 and D.11.2, the Permittee shall maintain records in accordance with the following:
 - (1) Monthly and twelve (12) consecutive monthly records of fuel input to the four (4) internal combustion engine test cells, identified as DYNA 1 through DYNA 4, segment ID 1.
 - (2) Monthly and twelve (12) consecutive monthly records of fuel input to the two (2) dynamometer test cells identified as DYNA 8 and DYNA 9.
- (b) To document compliance with Condition D.11.6, the Permittee shall maintain once per day records of the operating temperature of the catalytic converters used in conjunction with the two (2) dynamometer test cells identified as DYNA 8 and DYNA 9.
- (c) To document compliance with Condition D.11.7, the Permittee shall maintain a log of the quarterly catalytic converter inspections.
- (d) To document compliance with Condition D.11.8, the Permittee shall maintain a log of the annual catalyst replacements.
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.11.10 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.11.1 and D.11.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or it's equivalent, within thirty (30) days after the end of the quarter being reported.

SECTION D.12

FACILITY OPERATION CONDITIONS

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

Activities or categories not previously identified with emissions less than or equal to insignificant thresholds:

46. Machining operations consisting of one hundred and five (105) wet machines, identified as Wet Mach, and each machine with maximum air flow rate of 750 actual cubic feet per minute (acfm).

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

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1 AND 326 IAC 2-7-10.5, WITH CONDITIONS LISTED BELOW.

Construction Conditions

General Construction Conditions

- D.12.1 This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13 17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

- D.12.2 Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.
- D.12.3 All requirements of these construction conditions shall remain in effect unless modified in a manner consistent with procedures established for modifications pursuant to 326 IAC 2.

Operation Conditions

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

12.4 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), each wet machine shall not allow or permit discharge to the atmosphere particulate matter in excess of 0.03 grains per dry standard cubic foot (gr/dscf).

12.5 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential VOC emissions to 25 tons per year or more from the fluid application to the wet machines covered in this permit must be approved by the Office of Air Quality (OAQ) and be subject to 326 IAC 8-1-6 (General Reduction Requirements) before such change may occur.

SECTION D.13

FACILITY OPERATION CONDITIONS

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

22. One hundred (100) wet machines, controlled by oil mist collectors. Each machine has a maximum air flow rate of 1,000 actual cubic feet per minute (acfm).

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

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

D.13.1 PM/ PM10 [326 IAC 2-2]

- (a) PM emissions from the one hundred (100) wet machines shall not exceed a total of 5.02 pounds per hour, equivalent to 22.0 tons per year.
- (b) PM10 emissions from the one hundred (100) wet machines shall not exceed a total of 2.74 pounds per hour, equivalent to 12.0 tons per year.
- (c) Compliance with the above limits, along with the PM and PM10 limits in Condition 14.2, and the emissions from insignificant activities in Section D.15, will ensure that total PM and PM10 emissions from Significant Source Modification 067-16686-00065 are less than 25 and 15 tons per year, respectively. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

D.13.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), particulate matter (PM) emissions from the one hundred (100) wet machines shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

D.13.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase VOC emissions to 25 tons per year or more from the one hundred (100) wet machines shall require prior approval of the Office of Air Quality and be subject to the requirements of 326 IAC 8-1-6 (General Reduction Requirements) before any such change may occur.

D.13.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.13.5 Particulate Control [326 IAC 2-7-6(6)]

The oil mist collectors for particulate control shall be in operation and control emissions from the one hundred (100) wet machines at all times that the one hundred (100) wet machines are in operation.

D.13.6 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Within one hundred and eighty (180) days after achieving maximum production rate, but not later than three hundred and sixty five days (365) days after receipt of this permit, the Permittee shall conduct a performance test on four (4) representative oil mist collectors to verify compliance with Condition D.13.1, utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

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

D.13.7 Visible Emissions Notations

- (a) Visible emission notations of the oil mist collector stack exhausts shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.13.8 Parametric Monitoring

The Permittee shall record the pressure drop across the oil mist collectors used in conjunction with the one hundred (100) wet machines, at least once weekly when the wet machines are in operation when venting to the atmosphere. When for any one reading, the pressure drop across the oil mist collector is outside the normal range of 0.1 and 2.5 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C Response to Excursions or Exceedances, shall be considered a deviation from this permit.

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

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

D.13.9 Record Keeping Requirements

- (a) To document compliance with Conditions D.13.1 and D.13.2, the Permittee shall maintain records of all stack tests.
- (b) To document compliance with Condition D.13.7, the Permittee shall maintain the following:
 - (1) Records of daily visible emission notations of the oil mist collector stack exhausts.
 - (2) Records indicating which oil mist collectors are connected to the one hundred (100) wet machines on each day that visible emissions notations are taken.
- (c) To document compliance with Condition D.13.8, the Permittee shall maintain weekly records of the pressure drop during normal operation when venting to the atmosphere.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.14

FACILITY OPERATION CONDITIONS

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

23. Seven (7) natural gas-fired atmosphere generators, with heat treat atmosphere from the atmosphere generators combusted by flaring as it exits the associated heat treat furnaces, each with a maximum heat input capacity of one (1) MMBtu per hour.

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

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

D.14.1 Carbon Monoxide (CO) [326 IAC 2-2]

The CO emissions from the seven (7) atmosphere generators shall not exceed a total of 1.79 pounds per hour per unit, equivalent to 55.0 tons per year. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

D.14.2 PM/ PM10 [326 IAC 2-2]

- (a) PM and PM10 emissions from the seven (7) atmosphere generators shall each not exceed a total of 0.12 pounds per hour, equivalent to 0.53 tons per year.
- (b) Compliance with the above limit, along with the PM and PM10 limits in Condition 13.2, and the emissions from insignificant activities in Section D.15, will ensure that total PM and PM10 emissions from Significant Source Modification 067-16686-00065 remain less than 25 and 15 tons per year, respectively. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

D.14.3 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), particulate matter (PM) emissions from the seven (7) atmosphere generators shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

D.14.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.14.5 CO Control

The flare for CO control shall be in operation and control emissions from the seven (7) atmosphere generators at all times that the seven (7) atmosphere generators are in operation.

SECTION D.15

FACILITY OPERATION CONDITIONS

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

47. Fourteen (14) laser welders, each controlled with a cartridge dust collector for particulate control device with a flow rate of 700 actual cubic feet per minute (acfm).

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

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

D.15.1 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), particulate matter (PM) emissions from the fourteen (14) laser welders shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

Compliance Determination Requirements

D.15.2 Particulate Control [326 IAC 2-7-6(6)]

- (a) The cartridge dust collectors for PM and PM10 control shall be in operation and control emissions from the fourteen (14) laser welders at all times that the fourteen (14) laser welders are in operation.
- (b) In the event that filtration failure is observed in a multi-compartment unit, 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.

SECTION D.16

FACILITY OPERATION CONDITIONS

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

24. Thirty (30) wet machines, controlled by oil mist collectors. Each machine has a maximum air flow rate of 1,000 actual cubic feet per minute (acfm).

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

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

D.16.1 PM/PM10 [326 IAC 2-2]

- (a) PM emissions from the thirty (30) wet machines shall not exceed a total of 2.31 pounds per hour, equivalent to 10.1 tons per year.
- (b) PM10 emissions from the thirty (30) wet machines shall not exceed a total of 2.31 pounds per hour, equivalent to 10.1 tons per year.
- (c) Compliance with the above limits, along with the PM and PM10 emissions from the additional insignificant activities (three (3) laser welders) added in Section D.15, will ensure that total PM and PM10 emissions from Minor Source Modification 067-17799-00065 are less than 25 and 15 tons per year, respectively. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

D.16.2 Particulate Matter [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), particulate matter (PM) emissions from the thirty (30) wet machines shall be limited to 0.03 grain per dry standard cubic foot of exhaust air.

D.16.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase VOC emissions to 25 tons per year or more from the thirty (30) wet machines shall require prior approval of the Office of Air Quality and be subject to the requirements of 326 IAC 8-1-6 (General Reduction Requirements) before any such change may occur.

D.16.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.16.5 Particulate Control [326 IAC 2-7-6(6)]

The oil mist collectors for particulate control shall be in operation and control emissions from the thirty (30) wet machines at all times that the thirty (30) wet machines are in operation.

D.16.6 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Within one hundred and eighty (180) days after achieving maximum production rate, but not later than three hundred and sixty five days (365) days after receipt of this permit, the Permittee shall conduct a performance test on four (4) representative oil mist collectors to verify the 0.0018 gr/dscf after controls emission factor, utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

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

D.16.7 Visible Emissions Notations

- (a) Visible emission notations of the oil mist collector stack exhausts shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.16.8 Parametric Monitoring

The Permittee shall record the pressure drop across the oil mist collectors used in conjunction with the thirty (30) wet machines, at least once weekly when the wet machines are in operation when venting to the atmosphere. When for any one reading, the pressure drop across the oil mist collector is outside the normal range of 0.1 and 2.5 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

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

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

D.16.9 Record Keeping Requirements

- (a) To document compliance with Conditions D.16.1 and D.16.2, the Permittee shall maintain records of all stack tests.
- (b) To document compliance with Condition D.16.7, the Permittee shall maintain the following:
 - (1) Records of daily visible emission notations of the oil mist collector stack exhausts.
 - (2) Records indicating which oil mist collectors are connected to the thirty (30) wet machines on each day that visible emissions notations are taken.
- (c) To document compliance with Condition D.16.8, the Permittee shall maintain weekly records of the pressure drop during normal operation when venting to the atmosphere.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.17

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Wet Machines - 62 TE Transmission

25. Forty (40) wet machines, to be constructed in 2004, each controlled by an oil mist collector. Each machine has a maximum air flow rate of 1,000 actual cubic feet per minute (acfm).

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

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

D.17.1 PM/PM10 [326 IAC 2-2]

- (a) PM emissions from the each wet machine shall not exceed 0.077 pound per hour.
- (b) PM10 emissions from each wet machine shall not exceed 0.077 pound per hour.
- (c) Compliance with the above limits will ensure that the total PM and PM10 emissions from Minor Source Modification 067-19417-00065 are less than 25 and 15 tons per year, respectively. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

D.17.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), particulate matter (PM) emissions from each of the oil mist collectors controlling the forty (40) wet machines shall not exceed 0.03 grain per dry standard cubic foot of exhaust air.

D.17.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the total VOC emissions to 25 tons per year or more from the forty (40) wet machines shall require prior approval of the IDEM, OAQ, and be subject to the requirements of 326 IAC 8-1-6 (New Facilities, General Reduction Requirements) before any such change may occur.

D.17.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.17.5 Particulate Control [326 IAC 2-7-6(6)]

The oil mist collectors for particulate control shall be in operation and control emissions from the forty (40) wet machines at all times that the wet machines are in operation.

D.17.6 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Within sixty (60) days after achieving maximum production rate, but not later than one hundred and eighty (180) days after startup and connection of the first four (4) mist collectors to the wet machines, the Permittee shall conduct a performance test to determine compliance with Conditions D.17.1 and D.17.2, utilizing methods as approved by the Commissioner. This test shall be performed on four (4) representative oil mist collectors, or a lesser number as approved by the Commissioner. These may be new oil mist collectors or existing collectors reconfigured for the new wet machines. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

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

D.17.7 Visible Emissions Notations

- (a) Visible emission notations of the oil mist collector stack exhausts shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.17.8 Parametric Monitoring

The Permittee shall record the pressure drop across the oil mist collectors used in conjunction with the forty (40) wet machines, at least once weekly when the wet machines are in operation when venting to the atmosphere. When for any one reading, the pressure drop across the oil mist collector is outside the normal range of 0.1 and 2.5 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

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

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

D.17.9 Record Keeping Requirements

- (a) To document compliance with Conditions D.17.1 and D.17.2, the Permittee shall maintain records of all stack tests.
- (b) To document compliance with Condition D.17.7, the Permittee shall maintain the following:
 - (1) Records of daily visible emission notations of the oil mist collector stack exhausts.
 - (2) Records indicating which oil mist collectors are connected to the forty (40) wet machines on each day that visible emissions notations are taken.
- (c) To document compliance with Condition D.17.8, the Permittee shall maintain weekly records of the pressure drop during normal operation when venting to the atmosphere.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.18

FACILITY OPERATION CONDITIONS

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

26. Two (2) natural gas and fuel oil-fired boilers, identified as Boiler 6 and Boiler 7, exhausting through the common boiler stack, with a maximum capacity of 99 MMBtu/hr each.
27. One (1) portable natural gas-fired boiler, exhausting through the common boiler stack, with a maximum capacity of 99 MMBtu/hr. (Was removed from the source on April 24, 2006.)

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

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

D.18.1 NO_x [326 IAC 2-2]

- (a) NO_x emissions from the two (2) natural gas and fuel oil-fired boilers, and the one (1) natural gas-fired portable boiler shall not exceed 39.0 tons per consecutive twelve (12) month period, with compliance determined at the end of each month. The monthly NO_x emissions shall be calculated using the following equation:

$$\text{NO}_x \text{ emission (tons/month)} = ((A \times 50) + (B \times 16.44))/2000$$

Where:

A	= total monthly natural gas usage (MMCF/month)
50	= NO _x emission limit for natural gas combustion (lbs/MMCF)
B	= total monthly No. 2 fuel oil usage (kilo gallons/month)
16.44	= NO _x emission limit for fuel oil combustion (lbs/kilo gallon)
2000	= conversion factor (pounds per ton)

The NO_x emissions shall not exceed 50 lbs/MMCF when combusting natural gas and 16.44 lbs/kilo gallon when combusting No. 2 fuel oil.

- (b) Compliance with the above limits will ensure that the total NO_x emissions from Significant Source Modification 067-19756-00065 are less than 40 tons per year. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

D.18.2 SO₂ [326 IAC 2-2]

- (a) SO₂ emissions from the two (2) natural gas and fuel oil-fired boilers, and the one (1) natural gas-fired portable boiler shall not exceed 39.0 tons per consecutive twelve (12) month period, with compliance determined at the end of each month. The monthly SO₂ emissions shall be calculated using the following equation:

$$\text{SO}_2 \text{ emissions (tons/month)} = ((A \times 0.60) + (B \times 71.0) + (C \times 7.1))/2000$$

Where:

A	= total monthly natural gas usage (MMCF/month)
0.6	= SO ₂ emission limit for natural gas combustion (lbs/MMCF)
B	= total monthly No. 2 fuel oil usage (kilo gallons/month) 0.5% sulfur content
71.0	= SO ₂ emission limit for 0.5% fuel oil combustion (lbs/kilo gallon)
C	= total monthly No. 2 fuel oil usage (kilo gallons/month) 0.05% sulfur content
7.1	= SO ₂ emission limit for 0.05% sulfur fuel oil combustion (lbs/kilo gallon)
2000	= conversion factor (pounds per ton)

The SO₂ emissions shall not exceed 0.6 lbs/MMCF when combusting natural gas, 71.0 lbs/kilo gallon when combusting 0.5% sulfur No. 2 fuel oil, and 7.1 lbs/kilo gallon when combusting 0.05% sulfur No. 2 fuel oil.

- (b) Compliance with the above limit will ensure that the total SO₂ emissions from Significant Source Modification 067-19756-00065 are less than 40 tons per year. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) do not apply.

D.18.3 General Provisions Relating to NSPS [326 IAC 12-1] [40 CFR 60, Subpart A]

The provisions of 40 CFR 60 Subpart A - General Provisions, which are incorporated as 326 IAC 12-1, apply to the two (2) natural gas and fuel oil-fired boilers except when otherwise specified in 40 CFR 60 Subpart Dc.

D.18.4 Opacity Limitation [40 CFR 60, Subpart Dc] [326 IAC 12-1-1]

Pursuant to 40 CFR 60.43c(c), Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), on and after the date on which the initial performance test is completed or required to be completed under 40 CFR 60.8 Subpart A, whichever comes first, the Permittee, when combusting No. 2 fuel oil in the two (2) natural gas and fuel oil-fired boilers, shall not discharge into the atmosphere any gases that exhibit greater than twenty percent (20%) opacity (six (6) minute average), except for one (1) six (6) minute period per hour of no more than twenty-seven (27%) opacity. The opacity standards pursuant to 40 CFR 60.43c apply at all times except during periods of start-up, shutdown, or malfunction.

D.18.5 Sulfur Dioxide (SO₂) [326 IAC 7-1.1-1] [326 IAC 12-1]

Pursuant to 326 IAC 7-1.1 (SO₂ Emissions Limitations), the SO₂ emissions from the two (2) natural gas and fuel oil-fired boilers shall not exceed five tenths (0.5) pounds per million British thermal unit heat

D.18.6 Particulate (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emissions Limitations for Facilities Constructed after September 21, 1983) the particulate emissions from the two (2) natural gas and fuel oil-fired boilers shall be limited to 0.2025 pound per million British thermal units heat input.

This limitation is based on the following equation:

$$Pt = 1.09/Q^{0.26}$$

where:

Pt = Pounds of particulate matter emitted per million British thermal units (lb/MMBtu) heat input

Q = Total source maximum operating capacity rating in million British thermal units per hour (MMBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

D.18.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the two (2) natural gas and fuel oil-fired boilers.

Compliance Determination Requirements

D.18.8 NOx Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Within one hundred and eighty (180) days after startup utilizing No. 2 fuel oil, the Permittee shall conduct a performance test to determine compliance with Condition D.18.2 when burning No. 2 fuel oil, utilizing methods as approved by the Commissioner. This test shall be repeated at least once every five years from the date of the most recent valid compliance demonstration. Testing shall be conducted in accordance with Section C - Performance Testing.

If testing shows that the NOx emission limit of 16.44 lbs/kilo gallon is exceeded, the Permittee shall file a request to adjust the NOx emission factor in the equation in Condition D.18.2(a). As long as NOx emissions do not exceed 39.0 tons per consecutive twelve (12) month period, exceedance of the emission factor shall not be considered a violation.

D.18.9 Opacity Testing Requirement [40 CFR 60, Subpart Dc]

Within one hundred and eighty (180) days after initial startup, in order to comply with Condition D.18.6, the Permittee shall conduct an initial performance test as required under 40 CFR 60.8, and shall conduct subsequent performance tests as requested by IDEM, OAQ to determine compliance with the standards using the procedures and reference methods listed in 40 CFR 60.45c.

D.18.10 Sulfur Dioxide Emissions and Sulfur Content [40 CFR 60, Subpart Dc] [326 IAC 12-1]

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

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

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

D.18.11 Visible Emissions Notations

- (a) Visible emission notations of the boiler stack exhaust shall be performed once per day during normal daylight operations when combusting No. 2 fuel oil. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

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

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

D.18.12 Record Keeping Requirements

- (a) To document compliance with Conditions D.18.1 and D.18.2, the Permittee shall maintain monthly records of the amount of each fuel combusted at the two (2) natural gas and fuel oil-fired boilers, and the one (1) portable natural gas-fired boiler.
- (b) To document compliance with Conditions D.18.8 and D.18.9, the Permittee shall maintain records of all stack tests.
- (c) To document compliance with Conditions D.18.5 and D.18.10, the Permittee shall maintain records in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60.44c, the fuel oil sulfur limit applies at all times including periods of startup, shutdown, and malfunction.
 - (1) Calendar dates covered in the compliance determination period;
 - (2) Actual fuel oil usage since last compliance determination period and equivalent sulfur dioxide emissions;
 - (3) To certify compliance when burning natural gas only, the Permittee shall maintain records of fuel used.

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

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

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

- (d) To document compliance with Condition D.18.11, the Permittee shall maintain records of visible emission notations of the boiler stack exhaust once per day when combusting No. 2 fuel oil.
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.18.13 Reporting Requirements

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

- (c) A quarterly summary of the information to document compliance with Conditions D.18.1 and D.18.2 shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the three (3) month period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.19 FACILITY OPERATION CONDITIONS

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

15. Maintenance painting, identified as MAINTPT, segment ID 1.

Insignificant Activities (Non-combustion)

34. Metal Cleaning - Acid/Caustic Cleaner

42. Ink usage, identified as ink, segment ID 1.

43. Floor cleaner, identified as MAINTFC, segment ID 1.

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

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

D.19.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]]

(a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply:

(1) Disbursement of HAPs to the Metal Cleaning Operations shall not exceed 6.87 tons per two (2) consecutive six (6) consecutive month periods, with compliance determined at the end of each period. This limit is based on a fifteen percent (15%) volatilization rate, which represents the percent of HAPS, by weight, that will volatilize and be emitted from the HAPs disbursed to the Metal Cleaning Operations.

(2) If any evidence indicates a different volatilization rate, disbursement to the Metal Cleaning Operations shall be adjusted to limit HAPs emissions to 1.02 tons per two (2) consecutive six (6) consecutive month periods, as follows:

$$\text{HAPs emissions (tons/compliance period)} = (A \times B)$$

Where: A = HAPs disbursed to Metal Cleaning Operations (tons)
B = Volatilization rate

(3) The HAPs content of the materials disbursed to MAINTPT, ink, and MAINTFC shall not exceed 2.5 tons per two (2) consecutive six (6) consecutive month periods, with compliance determined at the end of each period.

(4) During the first compliance period and the first six (6) consecutive month compliance period after issuance of this permit, the following conditions shall apply:

(A) The first compliance period shall be determined as follows:

(1) Should this permit be issued between the days of January 1 and June 30, the first compliance period shall begin upon issuance and end June 30 of the same calendar year of issuance.

(2) Should this permit be issued between the days of July 1 and December 31, the first compliance period shall begin upon issuance and end December 31 of the same calendar year of issuance.

(B) The first six (6) consecutive month compliance period shall be determined as follows:

(1) Should the first compliance period end on June 30, the first six (6) consecutive month compliance period shall begin on July 1 and end December 31 of the same calendar year of issuance.

(2) Should the first compliance period end on December 31, the first six (6) consecutive month compliance period shall begin on January 1 and end June 30 of the first subsequent calendar year after issuance.

(C) The disbursement of HAPs to the Metal Cleaning Operations shall not exceed the amount determined by the following equation:

$$\text{HAPs disbursement} = (6.87 / 365) * (A + B)$$

Where: 6.87 = HAPs Disbursement Limit (tons per 12 consecutive month period)
365 = days per year
A = Number of calendar days in first compliance period.
B = Number of calendar days in the first six (6) consecutive month compliance period.

(D) Emissions of HAPs from the Metal Cleaning Operations during the first compliance period and the first six (6) consecutive month compliance period shall be calculated with the equation in D.19.1(a)(2).

(E) The HAPs content of the materials disbursed to MAINTPT, ink, and MAINTFC shall not exceed the amount determined by the following equation:

$$\text{HAPs disbursement (tons)} = (2.50 / 365) * (A + B)$$

Where: 2.50 = HAPs Disbursement Limit (tons per 12 consecutive month period)
365 = days per year
A = Number of calendar days in first compliance period
B = Number of calendar days in the first six (6) consecutive month compliance period.

Compliance with the above limits shall be determined at the end of the first six (6) consecutive month compliance period.

(b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:

(1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and

- (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

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

D.19.2 Record Keeping Requirements

- (a) To document compliance with Condition D.19.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken for each six (6) consecutive month period and shall be complete and sufficient to establish compliance with the HAP usage limits and the HAP emission limits established in Condition D.19.1.
 - (1) The HAP content of each material disbursed.
 - (A) The records shall include all material safety data sheets (MSDS), or their equivalent, necessary to verify the type and amount of HAP disbursed. Vendor supplied Technical Data Sheets or Chrysler, LLC HAZCON sheets, detailing the HAP content, are an acceptable equivalent.
 - (B) Records shall clearly identify disbursements to the Metal Cleaning Operations.
 - (2) The total HAP disbursement during each compliance period, and
 - (3) The weight of HAPs emitted for each compliance period.
- (b) A six (6) consecutive month period shall be the calendar months of January 1 to June 30 of the same calendar year, or the calendar month period of July 1 to December 31 of the same calendar year.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.19.3 Reporting Requirements

A semi-annual summary of the information to document compliance with Condition D.19.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six consecutive (6) month period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.20 FACILITY OPERATION CONDITIONS

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

4. One (1) boiler, identified as Boiler 4, segment ID 1, fueled by reclaimed residual oil, and segment ID 2, fueled by natural gas, maximum heat capacity is 90 MMBtu per hour, and exhausting to the common stack boiler.
5. One (1) boiler, identified as boiler 5, segment ID 1, fueled by natural gas, maximum heat capacity is 120 MMBtu per hour, and exhausting to the common stack boiler.
23. Seven (7) natural gas-fired atmosphere generators, with heat treat atmosphere from the atmosphere generators combusted by flaring as it exits the associated heat treat furnaces, each with a maximum heat input capacity of one (1) MMBtu per hour.
26. Two (2) natural gas and fuel oil-fired boilers, identified as Boiler 6 and Boiler 7, exhausting through the common boiler stack, with a maximum capacity of 99 MMBtu/hr each.
27. One (1) portable natural gas-fired boiler, exhausting through the common boiler stack, with a maximum capacity of 99 MMBtu/hr. (Was removed from the source on April 24, 2006.)

Insignificant Activities

1. Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) BTU per hour, including the following:
 - (a) space heaters
 - (b) heat treating furnaces
26. Natural Gas-fired internal combustion emergency generators not exceeding 16,000 horsepower.

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

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

D.20.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply:
 - (1) The input of natural gas to the Kokomo Transmission Plant, shall be limited to less than three thousand eight hundred fifty two (3,852) million cubic feet per twelve (12) consecutive month period with compliance determined at the end of each month.
 - (2) For purposes of determining compliance based on HAPs emissions:
 - (A) Every 1000 gallons of residual fuel burned in Boiler 4 shall be equivalent to 0.026 million cubic feet of natural gas.
 - (B) Every 1000 gallons of distillate fuel burned in Boilers 6 and 7 shall be equivalent to 0.026 million cubic feet of natural gas.

Compliance with the above limit, will ensure that the HAPs emissions from Boilers 4, 6, and 7, and all facilities that combustion Natural Gas, are less than 3.64 tons per twelve (12) consecutive month period.

- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:
 - (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
 - (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

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

D.20.2 Record Keeping Requirements for Natural Gas

- (a) To document compliance with Condition D.1.1(a), the Permittee shall maintain the following:
 - (1) Records of the actual natural gas usage since last compliance determination period.
 - (2) Records of the residual fuel burned in Boiler 4 since last compliance determination period.
 - (3) Records of the distillate fuel burned in Boilers 6 and 7 since last compliance determination period.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.20.3 Reporting Requirements

A semi-annual summary of the information to document compliance with Condition D.20.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION D.21

FACILITY OPERATION CONDITIONS

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

28. (a) Thirty-two (32) wet machines, controlled by six (6) oil mist collectors, relocated in 2008; each oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm);
- (b) Seventy-seven (77) wet machines, approved for construction in 2008, utilizing mist collectors to control particulate matter, and using water-based cutting fluids.

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

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

D.21.1 Prevention of Significant Deterioration (PSD) [326 IAC 2-2]

- (a) The Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM10) emissions from each of the six (6) oil mist collectors which control the thirty-two (32) wet machines shall be limited as follows:

Outlet Grain Loading grain per dry standard cubic foot (gr/dscf)	PM/PM10 Emissions Limit (pounds per hour)
0.03	0.05

- (b) The Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM10) emissions from each of the seventy-seven (77) wet machines shall be limited as follows:

Outlet Grain Loading grain per dry standard cubic foot (gr/dscf)	PM/PM10 Emissions Limit (pounds per hour)
0.03	0.015

Compliance with this Condition and Conditions D.21.4, D.21.6 and D.21.7 will make 326 IAC 2-2 (PSD) not applicable and will also satisfy the requirements under 326 IAC 6.5-1-2.

D.21.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential VOC emissions to 25 tons per year or more from the fluid application to the wet machines covered in this permit must be approved by the Office of Air Quality (OAQ) and be subject to 326 IAC 8-1-6 (General Reduction Requirements) before such change may occur.

D.21.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.21.4 Particulate Control [326 IAC 2-7-6(6)]

The oil mist collectors shall be in operation at all times when the wet machines are in operation.

D.21.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Compliance stack tests on wet machines, controlled by oil mist collectors, shall be made as follows:

- (1). The thirty-two (32) wet machines relocated from another area of the plant shall continue with the current testing schedule as described below:

- (a) Compliance stack tests on two (2) representative oil mist collectors shall be made within 180 days after achieving maximum production rate, but no later than 365 days after receipt of this permit. The Permittee shall perform PM and PM10 testing. Testing shall be conducted using methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM-10 includes filterable and condensable PM-10. Testing shall be conducted in accordance with Section C- Performance Testing.
- (2). The seventy-seven (77) new machines have a combined controlled potential to emit for PM10 of less than 6 tons per year, using reasonable control efficiencies. This potential to emit is very low compared to the threshold for PSD. Therefore, no testing of the new machines shall be required.

Testing, when required, shall be conducted in accordance with Section C- Performance Testing.

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

D.21.6 Visible Emissions Notations

- (a) Visible emission notations of the mist collectors stack exhaust shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.21.7 Parametric Monitoring

The Permittee shall record the pressure drop on the mist collectors used in conjunction with the wet machines, at least once weekly when any of the wet machines is in operation and when venting to the atmosphere. When for any one reading, the pressure drop is outside the normal range of 0.1 to 2.5 inches of water, or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C – Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned is not a deviation from this permit. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.

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

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

D.21.8 Record Keeping Requirements and Reporting Requirements

- (a) To document compliance with Condition D.21.6, the Permittee shall maintain records of the daily visible emission notations of the wet machines mist collectors stack exhausts.
- (b) To document compliance with Condition D.21.7, the Permittee shall maintain weekly records of the pressure drop during normal operation when venting to the atmosphere.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of the Part 70 permit.

SECTION D.22

FACILITY OPERATION CONDITIONS

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

29. One (1) Shotblast Unit, approved for construction in 2008, with a maximum throughput rate of 39,855 lbs/hr, utilizing canister or similar type dust collector as control for particulate matter, and exhausting via stack to ambient atmosphere.

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

Emission Limitations and Standards

D.22.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply.

- (1) The total metallic HAPs content of the shot used by the Shotblast Unit, shall not exceed 0.0175 pound of total metallic HAPs per pound of shot.
- (2) The particulate emissions (PM/PM₁₀) from the Shotblast Unit, shall not exceed 0.055 pounds per hour.

Compliance with the above limits, along with the limits in Conditions D.5.1, D.6.1, D.7.1, and D.9.1, will ensure that the total metallic HAPs emitted as PM/PM₁₀ from the shotblast units, identified in Sections D.5, D.6, D.7, D.9, and D.22, are less than 2.47 tons per twelve (12) consecutive month period.

- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:

- (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
- (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

D.22.2 Particulate Matter (PM)-[326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

D.22.3 PSD Minor Limit [326 IAC 2-2]

- (a) PM emissions from the shot blasting unit shall not exceed a total of 5.70 pounds per hour. This shall limit the potential to emit of PM from these facilities to less than 25 tons per year. Compliance with this limit renders the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.22.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.22.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

- (a) The new shotblast machine, controlled by a canister or similar type dust collector, as described in this modification, will have a potential to emit PM10 of less than 1 ton per year, using reasonable control efficiencies. Therefore, testing will not be required for this unit.

D.22.6 Particulate Control [326 IAC 2-7-6(6)]

- (a) In order to comply with Conditions D.22.1, D.22.2 and D.22.3, the dry cartridge filter for particulate control shall be in operation and control emissions from the shot blasting units at all times that the shot blasting units are in operation.
- (b) In the event that filtration failure is observed in a multi-compartment unit, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

Compliance Monitoring Requirements

D.22.7 Broken or Failed Cartridge Filter Detection

- (a) For a single compartment filtration unit 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 filtration unit 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 or emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

Record Keeping and Reporting Requirement

D.22.8 Record Keeping Requirements

- (a) To document compliance with the Condition D.9.1, the Permittee shall maintain records in accordance with the following:
 - (1) The Permittee shall maintain records of material safety data sheets (MSDS), or their equivalent, necessary to verify the individual Metallic HAPs and the total Metallic HAPs content of the shot used during the compliance period. Vendor supplied Technical Data Sheets or Chrysler, LLC HAZCON sheets, detailing the alloy composition tested value, are an acceptable equivalent.
 - (2) The Permittee shall maintain records of the results of any compliance testing required in Condition D.22.5.

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

D.22.9 Reporting Requirements

A summary of the information to document compliance with Conditions D.22.1 and D.22.2 shall be submitted to the address listed in Section C – General Reporting and Recordkeeping Requirements, upon request.

SECTION D.23 FACILITY OPERATION CONDITIONS

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

48. One (1) natural gas-fired Heat Treat Furnace, approved for construction in 2008, with a heat input capacity of 5.84 MMBtu/Hr.

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

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

D.23.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply:

- (1) The input of natural gas to the Kokomo Transmission Plant, shall be limited to less than three thousand eight hundred fifty two (3,852) million cubic feet per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with the above limit, will ensure that the HAPs emissions from all facilities that combust Natural Gas, are less than 3.64 tons per twelve (12) consecutive month period.

- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:

- (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
- (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

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

D.23.2 Record Keeping Requirements for Natural Gas

- (a) To document compliance with Condition D.23.1(a)(1), the Permittee shall maintain the following:

- (1) Records of the actual natural gas usage since last compliance determination period.

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

D.23.3 Reporting Requirements

A semi-annual summary of the information to document compliance with Condition D.23.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

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

Source Name: Chrysler, LLC - Kokomo Transmission Plant
Source Address: Chrysler, LLC - Kokomo Transmission Plant
2401 S. Reed Road, Kokomo, Indiana 46904
Source Address: Chrysler, LLC - Kokomo Casting Plant
1001 East Boulevard, Kokomo, Indiana 46904
Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
Part 70 Permit No.: T 067-6504-00065

**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)
- 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:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-5674
Fax: 317-233-6865
PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Chrysler, LLC - Kokomo Transmission Plant
Source Address: Chrysler, LLC - Kokomo Transmission Plant
2401 S. Reed Road, Kokomo, Indiana 46904
Source Address: Chrysler, LLC - Kokomo Casting Plant
1001 East Boulevard, Kokomo, Indiana 46904
Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
Part 70 Permit No.: T 067-6504-00065

This form consists of 2 pages

Page 1 of 2

Check either No. 1 or No.2
<input type="checkbox"/> 1. This is an emergency as defined in 326 IAC 2-7-1(12) <ul style="list-style-type: none">• The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and• The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
<input type="checkbox"/> 2. This is a deviation, reportable per 326 IAC 2-7-5(3)(c) <ul style="list-style-type: none">• The Permittee must submit notice in writing within ten (10) calendar days

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/Deviation:
Describe the cause of the Emergency/Deviation:

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

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
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:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
PART 70 OPERATING PERMIT
NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Chrysler, LLC - Kokomo Transmission Plant
Source Address: Chrysler, LLC - Kokomo Transmission Plant
2401 S. Reed Road, Kokomo, Indiana 46904
Source Address: Chrysler, LLC - Kokomo Casting Plant
1001 East Boulevard, Kokomo, Indiana 46904
Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
Part 70 Permit No.: T 067-6504-00065

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

Report period

Beginning: _____

Ending: _____

Boiler Affected

Alternate Fuel

Days burning alternate fuel

From

To

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

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
PART 70 OPERATING PERMIT
QUARTERLY COMPLIANCE MONITORING REPORT**

Source Name: Chrysler, LLC - Kokomo Transmission Plant
Source Address: Chrysler, LLC - Kokomo Transmission Plant
2401 S. Reed Road, Kokomo, Indiana 46904
Source Address: Chrysler, LLC - Kokomo Casting Plant
1001 East Boulevard, Kokomo, Indiana 46904
Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
Part 70 Permit No.: T 067-6504-00065

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

NO DEVIATIONS OCCURRED THIS REPORTING PERIOD

THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviations

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 DATA SECTION

Part 70 Source Modification Quarterly Report

Source Name: Chrysler, LLC - Kokomo Transmission Plant
 Source Address: Chrysler, LLC - Kokomo Transmission Plant
 2401 S. Reed Road, Kokomo, Indiana 46904
 Source Address: Chrysler, LLC - Kokomo Casting Plant
 1001 East Boulevard, Kokomo, Indiana 46904
 Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
 Source Modification No.: 067-10711-00065
 Facility: Two (2) dynamometer test cells
 Parameter: Gasoline Throughput

Limit: The input of gasoline shall be limited such that CO emissions shall not exceed 95.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month. This limit shall be enforced as follows:
 Gasoline throughput shall not exceed 190,000 gallons per twelve (12) consecutive month period.
 This limit is based on an after controls emission factor of 1.0 pounds of CO per gallon of gasoline combusted. In the event that stack testing results in a revised after controls CO emission factor, the gasoline throughput limit shall be revised as follows:

$$\text{Gasoline throughput (gallons/year)} = \frac{95.0 \text{ tons of CO per year}}{\text{lbs of CO per gallon of gas} \times 1 \text{ ton}/2000 \text{ lbs}}$$

YEAR:

Month	Gasoline Usage	Gasoline Usage	Gasoline Usage
	This Month (gallons)	Previous 11 Months (gallons)	12 Month Total (gallons)
Month 1			
Month 2			
Month 3			

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

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

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

Part 70 Quarterly Report

Source Name: Chrysler, LLC - Kokomo Transmission Plant
 Source Address: Chrysler, LLC - Kokomo Transmission Plant
 2401 S. Reed Road, Kokomo, Indiana 46904
 Source Address: Chrysler, LLC - Kokomo Casting Plant
 1001 East Boulevard, Kokomo, Indiana 46904
 Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
 Part 70 Permit No.: T 067-6504-00065
 Facilities: Two (2) natural gas and fuel oil-fired boilers
 One (1) portable natural gas-fired boiler (Was removed from the source on April 24, 2006)
 Parameter: NO_x Emissions
 Limit: Shall not exceed 39 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

NO_x Emissions (tons/month) = ((A x 50) + (B x 16.44))/2000

Where A = total monthly natural gas usage (MMCF/month)
 50 = NO_x emission limit for natural gas combustion (lb/MMCF)
 B = total monthly No. 2 fuel oil usage (kilo gallons/month)
 16.44 = NO_x emission limit for fuel oil combustion (lb/kilo gallon)
 2000 = conversion factor (lbs/ton)

YEAR:

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

No deviation occurred in this month.

Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

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

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

Part 70 Quarterly Report

Source Name: Chrysler, LLC - Kokomo Transmission Plant
 Source Address: Chrysler, LLC - Kokomo Transmission Plant
 2401 S. Reed Road, Kokomo, Indiana 46904
 Source Address: Chrysler, LLC - Kokomo Casting Plant
 1001 East Boulevard, Kokomo, Indiana 46904
 Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
 Part 70 Permit No.: T 067-6504-00065
 Facilities: Two (2) natural gas and fuel oil-fired boilers
 One (1) portable natural gas-fired boiler (Was removed from the source on April 24, 2006)
 Parameter: SO₂ Emissions
 Limit: Shall not exceed 39 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

$$\text{SO}_2 \text{ Emissions (tons/month)} = ((A \times 0.6) + (B \times 71) + (C \times 7.1))/2000$$

Where A = total monthly natural gas usage (MMCF/month)
 0.6 = SO₂ emission limit for natural gas combustion (lb/MMCF)
 B = total monthly No. 2 fuel oil usage (kilo gallons/month) 0.5% sulfur content
 71 = SO₂ emission limit for fuel oil combustion (lb/kilo gallon)
 C = total monthly No. 2 fuel oil usage (kilo gallons/month) 0.05% sulfur content
 7.1 = SO₂ emission limit for fuel oil combustion (lb/kilo gallon)
 2000 = conversion factor (lbs/ton)

YEAR:

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

- No deviation occurred in this month.
- Deviation/s occurred in this month.

Deviation has been reported on: _____

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

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

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

Part 70 Quarterly Report

Source Name: Chrysler, LLC - Kokomo Transmission Plant
 Source Address: Chrysler, LLC - Kokomo Transmission Plant
 2401 S. Reed Road, Kokomo, Indiana 46904
 Source Address: Chrysler, LLC - Kokomo Casting Plant
 1001 East Boulevard, Kokomo, Indiana 46904
 Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
 Part 70 Permit No.: T 067-6504-00065
 Facilities: Natural gas-fired combustion sources, Boiler 4 when combusting residual oil, and Boilers 6 and 7 when combusting distillate fuel oil
 Parameter: Natural Gas Consumption
 Limit: Shall not exceed 3,852 million British thermal units of natural gas per twelve (12) consecutive month period, with compliance determined at the end of each month.

Natural Gas Consumption = A + (B x 0.026) + (C x 0.026)

Where: A = total source-wide natural gas consumption (MMCF/month)
 B = distillate fuel fired in Boilers 6 and 7 (kilo gallons)
 0.026 = distillate fuel to natural gas equivalency factor
 C = residual fuel fired in Boiler 4
 0.026 = residual fuel to natural gas equivalency factor

YEAR:

Month	Natural Gas Consumption (MMCF)	Natural Gas Consumption (MMCF)	Natural Gas Consumption (MMCF)
	This Month	Previous 11 Months	12 Month Total

- No deviation occurred in this month.
- Deviation/s occurred in this month.

Deviation has been reported on: _____

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

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION
Part 70 Source Modification Quarterly Report

Source Name: Chrysler, LLC - Kokomo Transmission Plant
 Source Address: Chrysler, LLC - Kokomo Transmission Plant
 2401 S. Reed Road, Kokomo, Indiana 46904
 Source Address: Chrysler, LLC - Kokomo Casting Plant
 1001 East Boulevard, Kokomo, Indiana 46904
 Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
 Source Modification No.: 067-21686-00065
 Facility: dynamometer test cells and internal combustion engine test cells
 Parameter: Gasoline Throughput
 Limit: (a) The input of gasoline to the two (2) dynamometer test cells, identified as
 DYNA 8 and DYNA 9, shall not exceed 190,000 gallons per twelve (12)
 consecutive month period.
 (b) The input of gasoline to the four (4) internal combustion engine test cells,
 shall not exceed 558,000 gallons per twelve consecutive month period.

YEAR:

Month	Dynamometer Test Cells Gasoline Usage (DYNA 8 and DYNA 9)		
	This Month (gallons)	Previous 11 Months (gallons)	12 Month Total (gallons)
Month 1			
Month 2			
Month 3			

Month	Internal Combustion Engine Test Cells Gasoline Usage		
	This Month (gallons)	Previous 11 Months (gallons)	12 Month Total (gallons)
Month 1			
Month 2			
Month 3			

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

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

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

Part 70 Modification Semi-Annual Report

Source Name: Chrysler, LLC - Kokomo Transmission Plant
 Source Address: Chrysler, LLC - Kokomo Transmission Plant
 2401 S. Reed Road, Kokomo, Indiana 46904
 Source Address: Chrysler, LLC - Kokomo Casting Plant
 1001 East Boulevard, Kokomo, Indiana 46904
 Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
 Source Modification No. 067-21686-00065
 Facilities: MAINTPT, ink, MAINTFC
 Parameter: HAPs Disbursement
 Limit: Shall not exceed 2.5 tons per two (2) consecutive six (6) consecutive month period with compliance determined at the end of each six (6) consecutive month period.

YEAR:

Month	HAPS Disbursed (tons)	HAPS Disbursed (tons)	HAPS Disbursed (tons)
	This six (6) consecutive month period	Previous six (6) consecutive month period	12 Month Total

No deviation occurred in this month.

Deviation/s occurred in this month.

Deviation has been reported on: _____

Submitted: _____

Title/Position: _____

Signature: _____

Date: _____

Phone: _____

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

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

Part 70 Modification Semi-Annual Report

Source Name: Chrysler, LLC - Kokomo Transmission Plant
 Source Address: Chrysler, LLC - Kokomo Transmission Plant
 2401 S. Reed Road, Kokomo, Indiana 46904
 Source Address: Chrysler, LLC - Kokomo Casting Plant
 1001 East Boulevard, Kokomo, Indiana 46904
 Mailing Address: 2401 S. Reed Road, Kokomo, IN 46904
 Source Modification No. 067-21686-00065
 Facilities: Metal Cleaning Operations

Limit: The disbursement of HAPS to the Metal Cleaning Operations shall be limited such that HAPs emissions shall not exceed 1.02 tons per two (2) consecutive six (6) consecutive month period, with compliance determined at the end of each six (6) consecutive month period. This limit shall be enforced as follows:
 HAPs disbursed to the Metal Cleaning Operations shall not exceed 6.87 tons per two (2) consecutive six (6) consecutive month period.
 This limit is based on an applicant submitted emission factor of 0.15, which represents the percentage of HAPs, by weight, that will volatilize from the HAPs disbursed to the Metal Cleaning Operations. In the event that any evidence should indicated a different emission factor, the HAPs disbursement shall be revised as follows:

$$\text{HAPs emissions (tons/compliance period)} = (A \times B)$$

Where: A = HAPs disbursed to Metal Cleaning Operations (tons)
 B = Emission Factor

YEAR:

Month	HAPS Disbursed (tons)	HAPS Disbursed (tons)	HAPS Disbursed (tons)
	This six (6) consecutive month period	Previous six (6) consecutive month period	12 Month Total

- No deviation occurred in this month.
- Deviation/s occurred in this month.

Deviation has been reported on: _____

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

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

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

**Technical Support Document (TSD) for a Part 70
Minor Source and Minor Permit Modification**

Source Description and Location

Source Name:	Chrysler, LLC - Kokomo Transmission Plant (KTP)
Source Location:	2401 South Reed Road, Kokomo, Indiana 46904
County:	Howard
SIC Code:	3714
Operation Permit No.:	T 067-6504-00065
Operation Permit Issuance Date:	September 1, 1999
Minor Source Modification No.:	167-26859-00065
Minor Permit Modification No.:	067-26892-00065
Permit Reviewer:	Jack Harmon

Source Definition

This transmission manufacturing operation consists of two (2) plants:

- (a) Plant 1 is the Kokomo Transmission Plant (KTP), located at 2401 South Reed Road, Kokomo, IN 46904; and
- (b) Plant 2 is the Kokomo Casting Plant (KCP), located at 1001 East Boulevard, Kokomo, IN 46904.

During the Part 70 permitting process, it was determined that the two (2) plants should be treated as one (1) Title V source. Solely for administrative purposes, the plants were issued separate Part 70 permits. The Chrysler, LLC - Kokomo Transmission Plant was permitted under Part 70 Permit No. T 067-6504-00065, and the Chrysler, LLC - Kokomo Casting Plant was permitted under Part 70 Permit No. T 067-5246-00065. This modification is to the Kokomo Transmission Plant.

Existing Approvals

The source was issued the following Part 70 Operating Permits:

- The Chrysler, LLC - Kokomo Transmission Plant was issued Part 70 Operating Permit No. T 067-6504-00065 on September 1, 1999; and
- The Chrysler, LLC - Kokomo Casting Plant was issued Part 70 Operating Permit No. T 067-5246-00065 on June 30, 2003.

The source has since received the following approvals:

- Minor Source Modification No. 067-11163-00065, issued September 30, 1999
- Administrative Amendment No. 067-11399-00065, issued November 9, 1999
- Minor Source Modification No. 067-11508-00065, issued December 8, 1999

- Administrative Amendment No. 067-11981-00065, issued April 27, 2000
- Interim No. 067-12243I-00065, issued June 6, 2000
- Review Request No. 067-12526-00065, issued August 15, 2000
- Administrative Amendment No. 067-11990-00065, issued September 1, 2000
- Significant Source Modification No. 067-12243-00065, issued January 4, 2001
- Administrative Amendment No. 067-13661-00065, issued March 26, 2001
- Minor Source Modification No. 067-14232-00065, issued May 1, 2001
- Interim No. 067-14232I-00065, issued May 31, 2001
- Review Request No. 067-11306-00065, issued March 15, 2002
- Administrative Amendment No. 067-15176-00065, issued March 15, 2002
- Review Request No. 067-16047-00065, issued July 29, 2002
- Significant Permit Modification No. 067-15918-00065, issued October 17, 2002
- Review Request No. 067-16427-00065, issued November 18, 2002
- Interim No. 067-16494I-00065, issued January 6, 2003
- Administrative Amendment No. 067-16442-00065, issued January 6, 2003
- Interim No. 067-16686I-00065, issued February 6, 2003
- Minor Source Modification No. 067-16594-00065, issued February 12, 2003
- Minor Permit Modification No. 067-16664-00065, issued April 24, 2003
- Significant Source Modification No. 067-16686-00065, issued June 23, 2003
- Significant Permit Modification No. 067-16788-00065, issued July 8, 2003
- Interim No. 067-17799I-00065, issued July 28, 2003
- Minor Source Modification No. 067-17799-00065, issued September 16, 2003
- Minor Permit Modification No. 067-17714-00065, issued September 16, 2003
- Minor Permit Modification No. 067-18500-00065, issued May 18, 2004
- Administrative Amendment No. 067-19500-00065, issued August 19, 2004
- Interim No. 067-19417I-00065, issued August 20, 2004
- Minor Source Modification No. 067-19417-00065, issued November 23, 2004
- Minor Permit Modification No. 067-19553-00065, issued January 26, 2005
- Administrative Amendment No. 067-20879-00065, issued March 31, 2005
- Significant Source Modification No. 067-19756-00065, issued April 14, 2005
- Significant Permit Modification No. 067-19555-00065, issued April 29, 2005
- Administrative Amendment No. 067-21602-00065, issued September 30, 2005
- Interim No. 067-21862I-00065, issued October 26, 2005
- Minor Source Modification No. 067-21840-00065, issued November 10, 2005
- Minor Permit Modification No. 067-21862-00065, issued January 6, 2006
- Interim No. 067-22565I-00065, issued February 1, 2006
- Significant Permit Modification No. 067-20936-00065, issued February 20, 2006
- Significant Permit Modification No. 067-21686-00065, issued July 11, 2006
- Significant Permit Modification No. 067-24440-00065, issued May 25, 2007
- Administrative Amendment No. 067-24613-00065, issued June 13, 2007
- Significant Permit Modification No. 067-21332-00065, issued December 7, 2007
- Interim Permit for Minor Source Modification No.067-26859I-00065, issued August 28, 2008

County Attainment Status

The source is located in Howard County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.

¹Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005.
Unclassifiable or attainment effective April 5, 2005, for PM2.5.

(Air Pollution Control Board; 326 IAC 1-4-35; filed Dec 26, 2007, 1:43 p.m.: 20080123-IR-326070308FRA)

(a) Ozone Standards

- (1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.
- (2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, and St. Joseph as attainment for the 8-hour ozone standard.
- (3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Clark, Elkhart, Floyd, LaPorte, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, Shelby, and St. Joseph as attainment for the 8-hour ozone standard.
- (4) Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to ozone. Howard County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) Howard County has been classified as attainment for PM_{2.5}. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM_{2.5} emissions, and the effective date of these rules was July 15th, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM₁₀ emissions as a surrogate for PM_{2.5} emissions until 326 IAC 2-2 is revised.

(c) Other Criteria Pollutants

Howard County has been classified as attainment or unclassifiable in Indiana for SO₂, CO, PM₁₀, NO₂, Pb. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(d) Fugitive Emissions

Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

Source Status

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

Pollutant	Emissions (ton/yr)
PM	Greater than 250
PM ₁₀	Greater than 250
PM _{2.5}	Greater than 250
SO ₂	Greater than 250
VOC	Greater than 250
CO	Greater than 250
NO _x	Greater than 250

- (a) This existing source is a major stationary source, under PSD (326 IAC 2-2), because a regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).
- (b) The table below summarizes the potential to emit HAPs for the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

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

This existing source is not a major source of HAPs, as defined in 40 CFR 63.2, because HAPs emissions are less than ten (10) tons per year for any single HAP and less than twenty-five (25) tons per year of a combination of HAPs. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2006 OAQ emission data.

Pollutant	Actual Emissions (ton/yr)
PM ₁₀	18
NO _x	52
SO ₂	37
VOC	33
CO	39

Description of Proposed Modification

On August 13, 2008, the Chrysler, LLC - Kokomo Transmission Plant submitted an application to the OAQ requesting to add seventy-seven (77) wet machines, one (1) shot blast machine, and one (1) heat treat furnace to its operation. Additional information received on August 25, 2008 requested to relocate thirty-two (32) existing wet machines and controls within the plant. Equipment to be relocated is described in Section D.10 of the existing permit.

The following is a list of the proposed modified emission units and pollution control devices:

- (a) Seventy-seven (77) Wet Machining Operations Units, approved for construction in 2008, utilizing mist collectors to control particulate matter, and using water-based cutting fluids.
- (b) One (1) Shotblast Operation Unit, approved for construction in 2008, with a maximum throughput of 39,855 pounds per hour, utilizing canister or similar type dust collector as control for particulate matter, and exhausting via stack to ambient atmosphere.
- (c) One (1) natural gas-fired Heat Treat Furnace, approved for construction in 2008, with a heat input capacity of 5.84 MMBtu/hr.
- (d) Two (2) Metal Impregnation machines, with no associated air emissions.
- (e) Two (2) Parts Washer Units, utilizing mist eliminators to remove moisture from exhaust stream. There are no associated air emissions from this process. The process uses water-based fluids.

The following is a list of the existing equipment to be relocated within the plant:

- (a) Thirty-two (32) wet machines, controlled by six (6) oil mist collectors, each machine oil mist collector having a maximum air flow rate of 30,000 actual cubic feet per minute (acfm).

Enforcement Issues

There are no pending enforcement actions related to this modification.

Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.

Permit Level Determination – Part 70

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

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

PTE Before Controls of the Modification	
Pollutant	Potential To Emit (ton/yr)
PM	50.25
PM ₁₀	50.25
SO ₂	0.02
VOC	1.06
CO	2.15
NO _x	2.56

HAP PTE Before Controls of the Modification	
HAPs	Potential To Emit (ton/yr)
Mn	0.022
Ni	0.012
Pb	0.002
TOTAL	0.036

This source modification is subject to 326 IAC 2-7-10.5(f)(4)(a) for the PTE for PM greater than 25 tons per year. Additionally, the modification will be incorporated into the Part 70 Operating Permit through a minor permit modification issued pursuant to 326 IAC 2-7-12(b)(1)(B), because the changes do not involve significant changes to existing monitoring, reporting, or record keeping requirements in the Part 70 permit.

Permit Level Determination – PSD or Emission Offset

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

Process / Emission Unit	PM (tons per yr)	PM₁₀ (tons per yr)	SO₂ (tons per yr)	VOC (tons per yr)	CO (tons per yr)	NO_x (tons per yr)
Wet Machines	5.20	5.20	0	0.92	0	0
Shotblast	0.24	0.24	0	0	0	0
Heat Treat Furnace	0.19	0.19	0.02	0.14	2.15	2.56
Total for Modification	5.64	5.64	0.02	1.06	2.15	2.56
PSD Significant Level	25.0	15.0	40.0	40.0	100.0	40.0

This modification to an existing major stationary source is not major because the emissions increase is less than the PSD significant levels. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

Federal Rule Applicability Determination

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

NSPS:

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

NESHAP:

- (a) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) applicable to this proposed modification.
- (b) The following table is used to identify the applicability of each of the criteria, under 40 CFR 64.1, to each new or modified emission unit involved:

CAM Applicability Analysis							
Emission Unit	Control Device Used	Emission Limitation (Y/N)	Uncontrolled PTE (ton/yr)	Controlled PTE (ton/yr)	Part 70 Major Source Threshold (ton/yr)	CAM Applicable (Y/N)	Large Unit (Y/N)
Wet Machines	Oil Mist Collector	N	26.02	5.20	100	N	N
Shotblast	Dust collector	N	24.09	0.24	100	N	N

Based on this evaluation, the requirements of 40 CFR Part 64, CAM are not applicable to any of the new units as part of this modification.

State Rule Applicability Determination

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

326 IAC 2-2 and 2-3 (PSD and Emission Offset)

PSD and Emission Offset applicability is discussed under the Permit Level Determination – PSD and Emission Offset section. The thirty-two (32) wet machines relocated in 2008 and the new proposed equipment approved for construction in 2008 were constructed after August 7, 1977, and therefore the requirements of 326 IAC 2-2, Prevention of Significant Deterioration (PSD) could be applicable. However, because these units were permitted with conditions to limit PM emissions to less than twenty five (25) tons per year, and after 1985 included PM₁₀ limitations of less than fifteen (15) tons per year, the requirements of 326 IAC 2-2 did not apply.

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

The operation of emission units proposed in this modification will emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 6.5-1-2 (Particulate Emission Limitations)

Pursuant to 326 IAC 6.5-1-2(a), particulate emissions from the wet machines and shotblast unit, controlled by oil mist collectors and dust collector, respectively, shall not exceed 0.03 grains per dry standard cubic foot (seven-hundredths (0.07) gram per dry standard cubic meter). The grain loading calculations submitted by the applicant, shown on page 1 of 1 of Appendix A to this document, verify that the units are capable of complying with this rule. The shotblast unit will be controlled by a dry filter. Calculations submitted by the applicant, shown in Appendix A of this document verify that the unit is capable of complying with this rule.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with

the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

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

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

- (a) Compliance stack tests on wet machines, controlled by oil mist collectors, shall be made as follows:
 - (1). The thirty-two (32) wet machines relocated from another area of the plant shall continue with the current testing schedule as described in the Permit.
 - (2). The seventy-seven (77) new machines have a combined controlled potential to emit for PM10 of less than 6 tons per year, using reasonable control efficiencies. This potential to emit is very low compared to the threshold for PSD. Therefore, no testing of the new machines shall be required.
- (b) The new shotblast machine, controlled by a canister or similar type dust collector, as described in this modification, will have a potential to emit PM10 of less than 1 ton per year, using reasonable control efficiencies. Therefore, testing will not be required for this unit.

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. 067-6504-00065. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

Change #1:

Permittee has proposed to relocate thirty-two wet machines from within the plant to a new area. The permittee states that it is a possibility that a subcontractor will take over these units; therefore, emission unit #20 has been modified to reduce the wet machines by thirty-two units, and they have been assigned a separate emission unit number. Additionally, the permittee proposed to add new equipment comprised of seventy-seven wet machines and one shotblast unit. It is also a possibility that a subcontractor may take over this new equipment as well. Therefore, in order to track those future changes, new D-Sections have been added as well for this new equipment.

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

- 20. ~~One hundred forty-eight (148)~~ **One hundred sixteen (116)** wet machines, controlled by ~~fifteen (15)~~ **nine (9)** oil mist collectors, each oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm).

- 28. (a) **Thirty-two (32) wet machines, controlled by six (6) oil mist collectors, relocated**

in 2008; each oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm);
(b) Seventy-seven (77) Wet Machining Operations Units, approved for construction in 2008, utilizing mist collectors to control particulate matter, and using water-based cutting fluids.

- 29. One (1) Shotblast Operation Unit, approved for construction in 2008, with a maximum throughput of 39,855 lbs/hr., utilizing canister or similar type dust collector as control for particulate matter, and exhausting via stack to ambient atmosphere.**

Change #2:

Permittee has proposed the addition of the following new equipment that has been classified as Insignificant Activities: two Metal Impregnation Machines, two Parts Washer units, and one Heat Treat Furnace.

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

- 47. Two (2) Metal Impregnation Machines, approved for construction in 2008, with no associated air emissions.**
- 48. Two (2) Parts Washer Units, approved for construction in 2008, using water-based liquids, with no associated air emissions.**
- 49. One (1) natural gas-fired Heat Treat Furnace, approved for construction in 2008, with a heat input capacity of 5.84 MMBtu/hr.**

Change #3:

IDEM has changed the terminology for the Asbestos Abatement Projects for the qualifications of the Inspector from Accredited to Licensed. Permit has been revised to reflect those changes.

C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (g) Indiana ~~Accredited~~ 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 ~~Accredited~~ **Licensed** Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use and Indiana ~~Accredited~~ **Licensed** Asbestos Inspector is not federally enforceable.

Change #4:

The Permittee's proposed addition of a shotblast unit is similar to the existing units already permitted in the existing unit, and all applicable requirements to those units will apply to this new unit. Additionally, the Permittee requests that total existing emissions limits for the plant will not change when the new unit is added. Therefore, existing Facility Operating Conditions language has been modified to include the new unit. Sections affected are: D.5.1(a), D.6.1(a), D.7.1(a), and D.9.1(a).

D.5.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

(a) --

Compliance with the above limits, along with the limits in Conditions D.6.1, D.7.1, ~~and~~ D.9.1, **and D.22.1**, will ensure that the total metallic HAPs emitted as PM/PM10 from the shotblasting and tumbleblast units, identified in Sections D.5, D.6, D.7, ~~and~~ D.9 **and D.22** are less than 2.47 tons per twelve (12) consecutive month period.

D.6.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

(a) --

Compliance with the above limits, along with the limits in Conditions D.5.1, D.7.1, ~~and~~ D.9.1, **and D.22.1**, will ensure that the total metallic HAPs emitted as PM/PM10 from the shotblasting and tumbleblast units, identified in Sections D.5, D.6, D.7, ~~and~~ D.9 **and D.22** are less than 2.47 tons per twelve (12) consecutive month period.

D.7.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

(a) --

Compliance with the above limits, along with the limits in Conditions D.5.1, D.6.1, ~~and~~ D.9.1, **and D.22.1**, will ensure that the total metallic HAPs emitted as PM/PM10 from the shotblasting and tumbleblast units, identified in Sections D.5, D.6, D.7, ~~and~~ D.9 **and D.22** are less than 2.47 tons per twelve (12) consecutive month period.

D.9.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

(a) --

Compliance with the above limits, along with the limits in Conditions D.5.1, D.6.1, ~~and~~ D.7.1, **and D.22.1**, will ensure that the total metallic HAPs emitted as PM/PM10 from the shotblasting and tumbleblast units, identified in Sections D.5, D.6, D.7, ~~and~~ D.9 **and D.22** are less than 2.47 tons per twelve (12) consecutive month period.

Change #5:

The proposed changes described in Change #1 above have resulted in the change to Section D.10 below by removing the thirty-two (32) wet machines from Condition D.10 and the addition of a new section, Section D.21. This new section also adds the seventy-seven (77) similar new machines, which have the same applicability requirements.

SECTION D.10

FACILITY OPERATION CONDITIONS

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

20. ~~One hundred forty-eight~~ **One hundred sixteen (116)** wet machines, controlled by ~~fifteen (15)~~ **nine (9)** oil mist collectors, each machine oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm).

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

D10.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Compliance stack tests on ~~four (4)~~ **two(2)** representative oil mist collectors shall be made within 180 days after achieving maximum production rate, but no later than 365 days after receipt of this permit. The Permittee shall perform PM and PM10 testing. Testing shall be conducted using methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM-10 includes filterable and condensable PM-10. Testing shall be conducted in accordance with Section C- Performance Testing.

SECTION D.21 FACILITY OPERATION CONDITIONS

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

28. (a) **Thirty-two (32) wet machines, controlled by six (6) oil mist collectors, relocated in 2008; each oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm);**
 (b) **Seventy-seven (77) wet machines, approved for construction in 2008, utilizing mist collectors to control particulate matter, and using water-based cutting fluids.**

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

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

D.21.1 Prevention of Significant Deterioration (PSD) [326 IAC 2-2]

- (a) **The Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM10) emissions from each of the six (6) oil mist collectors which control the thirty-two (32) wet machines shall be limited as follows:**

Outlet Grain Loading grain per dry standard cubic foot (gr/dscf)	PM/PM10 Emissions Limit (pounds per hour)
0.03	0.05

- (b) **The Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM10) emissions from each of the seventy-seven (77) wet machines shall be limited as follows:**

Outlet Grain Loading grain per dry standard cubic foot (gr/dscf)	PM/PM10 Emissions Limit (pounds per hour)
0.03	0.015

Compliance with this Condition and Conditions D.21.4, D.21.6 and D.21.7 will make 326 IAC 2-2 (PSD) not applicable and will also satisfy the requirements under 326 IAC 6.5-1-2.

D.21.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential VOC emissions to 25 tons per year or more from the fluid application to the wet machines covered in this permit must be approved by the Office of Air Quality (OAQ) and be subject to 326 IAC 8-1-6 (General Reduction Requirements) before such change may occur.

D.21.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.21.4 Particulate Control [326 IAC 2-7-6(6)]

The oil mist collectors shall be in operation at all times when the wet machines are in operation.

D.21.5 Testing Requirements [326 IAC 2-7-6(1),(6)] [326 IAC 2-1.1-11]

Compliance stack tests on wet machines, controlled by oil mist collectors, shall be made as follows:

- (1). The thirty-two (32) wet machines relocated from another area of the plant shall continue with the current testing schedule as described below:**
 - (a) Compliance stack tests on two(2) representative oil mist collectors shall be made within 180 days after achieving maximum production rate, but no later than 365 days after receipt of this permit. The Permittee shall perform PM and PM10 testing. Testing shall be conducted using methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. PM-10 includes filterable and condensable PM-10. Testing shall be conducted in accordance with Section C- Performance Testing.**
- (2). The seventy-seven (77) new machines have a combined controlled potential to emit for PM10 of less than 6 tons per year, using reasonable control efficiencies. This potential to emit is very low compared to the threshold for PSD. Therefore, no testing of the new machines shall be required.**

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

D.21.6 Visible Emissions Notations

- (a) Visible emission notations of the mist collectors stack exhaust shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.**
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.**
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.**
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.**
- (e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C- Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.**

D.21.7 Parametric Monitoring

The Permittee shall record the pressure drop on the mist collectors used in conjunction with the wet machines, at least once weekly when any of the wet machines is in operation and when venting to the atmosphere. When for any one reading, the pressure drop is outside the normal range of 0.1 to 2.5 inches of water, or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C – Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned is not a deviation from this permit. Failure to take response steps in accordance with Section C – Response to Excursions or Exceedances shall be considered a deviation from this permit.

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

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

D.21.8 Record Keeping Requirements and Reporting Requirements

- (a) To document compliance with Condition D.21.6, the Permittee shall maintain records of the daily visible emission notations of the wet machines mist collectors stack exhausts.
- (b) To document compliance with Condition D.21.7, the Permittee shall maintain weekly records of the pressure drop during normal operation when venting to the atmosphere.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of the Part 70 permit.

Change #6:

The proposed addition of a shotblast unit and a heat treat furnace unit are described in Sections D.22 and D.23, respectively, below.

SECTION D.22

FACILITY OPERATION CONDITIONS

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

29. One (1) Shotblast Unit, approved for construction in 2008, with a maximum throughput rate of 39,855 lbs/hr, utilizing canister or similar type dust collector as control for particulate matter, and exhausting via stack to ambient atmosphere.

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

Emission Limitations and Standards

D.22.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply.
 - (1) The total metallic HAPs content of the shot used by the Shotblast Unit, shall not exceed 0.0175 pound of total metallic HAPs per pound of shot.

- (2) The particulate emissions (PM/PM₁₀) from the Shotblast Unit, shall not exceed 0.055 pounds per hour.

Compliance with the above limits, along with the limits in Conditions D.5.1, D.6.1, D.7.1, and D.9.1, will ensure that the total metallic HAPs emitted as PM/PM₁₀ from the shotblast units, identified in Sections D.5, D.6, D.7, D.9, and D.22, are less than 2.47 tons per twelve (12) consecutive month period.

- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:
- (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
 - (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

D.22.2 Particulate Matter (PM)-[326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2 (formerly 326 IAC 6-1-2), the shot blasters shall not allow or permit discharge to the atmosphere of any gases which contain particulate matter in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

D.22.3 PSD Minor Limit [326 IAC 2-2]

- (a) PM emissions from the shot blasting unit shall not exceed a total of 5.70 pounds per hour. This shall limit the potential to emit of PM from these facilities to less than 25 tons per year. Compliance with this limit renders the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.22.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

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

Compliance Determination Requirements

D.22.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

- (a) The new shotblast machine, controlled by a canister or similar type dust collector, as described in this modification, will have a potential to emit PM₁₀ of less than 1 ton per year, using reasonable control efficiencies. Therefore, testing will not be required for this unit.

D.22.6 Particulate Control [326 IAC 2-7-6(6)]

- (a) In order to comply with Conditions D.22.1, D.22.2 and D.22.3, the dry cartridge filter for particulate control shall be in operation and control emissions from the shot blasting units at all times that the shot blasting units are in operation.
- (b) In the event that filtration failure is observed in a multi-compartment unit, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

Compliance Monitoring Requirements

D.22.7 Broken or Failed Cartridge Filter Detection

- (a) For a single compartment filtration unit 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 filtration unit 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 or emissions unit. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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

Record Keeping and Reporting Requirement

D.22.8 Record Keeping Requirements

- (a) To document compliance with the Condition D.9.1, the Permittee shall maintain records in accordance with the following:
 - (1) The Permittee shall maintain records of material safety data sheets (MSDS), or their equivalent, necessary to verify the individual Metallic HAPs and the total Metallic HAPs content of the shot used during the compliance period. Vendor supplied Technical Data Sheets or Chrysler, LLC HAZCON sheets, detailing the alloy composition tested value, are an acceptable equivalent.
 - (2) The Permittee shall maintain records of the results of any compliance testing required in Condition D.22.5.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.22.9 Reporting Requirements

A summary of the information to document compliance with Conditions D.22.1 and D.22.2 shall be submitted to the address listed in Section C – General Reporting and Recordkeeping Requirements, upon request.

SECTION D.23 FACILITY OPERATION CONDITIONS

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

- 49. One (1) natural gas-fired Heat Treat Furnace, approved for construction in 2008, with a heat input capacity of 5.84 MMBtu/Hr.

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

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

D.23.1 Hazardous Air Pollutants (HAPs) Minor Limit [40 CFR 63]

- (a) In order for the source to be considered an area source as defined by 40 CFR 63.2 (National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions), the following conditions shall apply:
- (1) The input of natural gas to the Kokomo Transmission Plant, shall be limited to less than three thousand eight hundred fifty two (3,852) million cubic feet per twelve (12) consecutive month period with compliance determined at the end of each month.
- Compliance with the above limit, will ensure that the HAPs emissions from all facilities that combust Natural Gas, are less than 3.64 tons per twelve (12) consecutive month period.
- (b) This limit is structured such that the total source HAPs emissions remain below ten (10) tons for any single HAP and twenty-five (25) tons total HAPs, per year, when including HAPs emissions from the following:
- (1) Chrysler, LLC Kokomo Transmission Plant (Part 70 Operating Permit T067-6504-00065), and
 - (2) Chrysler, LLC Kokomo Casting Plant (Part 70 Operating Permit T067-5246-00065).

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

D.23.2 Record Keeping Requirements for Natural Gas

- (a) To document compliance with Condition D.23.1(a)(1), the Permittee shall maintain the following:
- (1) Records of the actual natural gas usage since last compliance determination period.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.23.3 Reporting Requirements

A semi-annual summary of the information to document compliance with Condition D.23.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the period being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Conclusion and Recommendation

The construction and operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Minor Source Modification No. 067-26859-00065 and Minor Permit Modification No. 067-26892-00065, respectively. The staff recommend to the Commissioner that this Part 70 Minor Source and Minor Permit Modification be approved.

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

Company Name: Chrysler, LLC - Kokomo Transmission Plant
Address City IN Zip: 2401 South Reed Road, Kokomo, IN 46904
Permit Number: MSM 067-26859-00065
 MPM 067-26892-00065
Reviewer: Jack Harmon
Date: August 13, 2008

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

5.84

51.2

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	28.5	100	5.5	84
				**see below		
Potential Emission in tons/yr	0.05	0.19	0.73	2.56	0.14	2.15

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

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

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

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

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See page 2 for HAPs emissions calculations.

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

Company Name: Chrysler, LLC - Kokomo Transmission Plant
Address City IN Zip: 2401 South Reed Road, Kokomo, IN 46904
Permit Number: MSM 067-26859-00065
Pit ID: MPM 067-26892-00065
Reviewer: Jack Harmon
Date: August 13, 2008

HAPs - Organics					
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	5.372E-05	3.070E-05	1.919E-03	4.604E-02	8.697E-05

HAPs - Metals					
	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	1.279E-05	2.814E-05	3.581E-05	9.720E-06	5.372E-05

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.

