



*Mitchell E. Daniels, Jr.*  
Governor

*Thomas W. Easterly*  
Commissioner

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

TO: Interested Parties / Applicant  
DATE: March 31, 2005  
RE: DaimlerChrysler Corporation-Kokomo / 067-20879-00065  
FROM: Paul Dubenetzky  
Chief, Permits Branch  
Office of Air Quality

### Notice of Decision – Approval

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

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

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

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

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

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

Enclosures  
FNPER-AM.dot 1/10/05



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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

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Mr. James E. Reed, Jr.  
DaimlerChrysler Corporation - Kokomo Transmission Plant  
2401 South Reed Road  
Kokomo, IN 46904

March 31, 2005

Re: **067-20879-00065**  
**Eighth Administrative Admendment to**  
**Part 70 No.: T 067-6504-00065**

Dear Mr. Reed:

DaimlerChrysler Corporation was issued a permit on September 1, 1999 for a transmission manufacturing source. A letter requesting changes to this permit was received on February 24, 2005. The requested change consists of the removal of one of the one hundred and forty nine (149) wet machines installed under Source Modification No. 067-12243-00065. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows:

1.

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

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The Permittee owns and operates machining, cleaning, and heat treating facilities to produce transmissions for use in automobiles and light duty trucks. The DaimlerChrysler Corporation Kokomo Transmission Plant and DaimlerChrysler Corporation Kokomo Casting Plant have been considered a single Title V major source. The DaimlerChrysler Corporation Kokomo Casting Plant was issued a separate Title V permit under the Part 70 No. T067-5246-00065.

This DaimlerChrysler Corporation Kokomo Transmission Plant consists of the following emission units and pollution control devices:

20. One hundred forty ~~nine (149)~~ **eight (148)** wet machines, controlled by fifteen (15) oil mist collectors, each machine oil mist collector has a maximum air flow rate of 30,000 actual cubic feet per minute (acfm).

2.

**SECTION D.10 FACILITY OPERATION CONDITIONS**

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

- (2) One hundred ~~nine (149)~~ **eight (148)** wet machines, controlled by fifteen (15) 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 and 40 CFR 52.21]

The Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM10) emissions from each of the fifteen (15) oil mist collectors which control the one hundred forty ~~nine (149)~~ **eight (148)** wet machines shall be limited as follows:

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

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 Jenny Acker, at (800) 451-6027, and ask for Jenny Acker or extension 2-8253, or dial (317) 232-8253.

Sincerely,

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

Attachments

JLA

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



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**PART 70 OPERATING PERMIT  
 OFFICE OF AIR QUALITY**

**DaimlerChrysler Corporation  
 Kokomo Transmission Plant  
 2401 South 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.

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 and 326 IAC 2-1-3.2 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.: 067-6504-00065	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: September 1, 1999  Expiration Date: September 1, 2004
1 <sup>st</sup> Administrative Amendment 067-11399-00065, issued November 9, 1999 2 <sup>nd</sup> Administrative Amendment 067-13661-00065, issued March 26, 2001 3 <sup>rd</sup> Administrative Amendment 067-11981-00065, issued April 27, 2000 4 <sup>th</sup> Administrative Amendment 067-11990-00065, issued September 1, 2000 5 <sup>th</sup> Administrative Amendment 067-15176-00065, issued March 15, 2002 1 <sup>st</sup> Minor Source Modification 067-11163-00065, issued September 30, 1999 2 <sup>nd</sup> Minor Source Modification 067-11508-00065, issued December 8, 1999 3 <sup>rd</sup> Minor Source Modification 067-14232-00065, issued May 1, 2001 1 <sup>st</sup> Significant Source Modification 067-12243-00065, issued January 4, 2001 1 <sup>st</sup> Significant Permit Modification 067-15918-00065, issued October 17, 2002 6 <sup>th</sup> Administrative Amendment 067-16442-00065, issued January 6, 2003 1 <sup>st</sup> Minor Permit Modification 067-16664-00065, issued April 24, 2003 2 <sup>nd</sup> Significant Source Modification 067-16686-00065, issued June 23, 2003 2 <sup>nd</sup> Significant Permit Modification 067-16788-00065, issued July 8, 2003 4 <sup>th</sup> Minor Source Modification 067-17799-00065, issued September 16, 2003 2 <sup>nd</sup> Minor Permit Modification 067-17714-00065, issued September 16, 2003 3 <sup>rd</sup> Minor Permit Modification 067-18500-00065, issued May 18, 2004 7 <sup>th</sup> Administrative Amendment 067-19500-00065, issued August 19, 2004 4 <sup>th</sup> Minor Permit Modification 067-19553-00065, issued January 26, 2005	
8 <sup>th</sup> Administrative Amendment No. AA 067-20879-00065	Sections Affected: A.2, D.10
Issued by: Original signed by Kathy Moore for  Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: March 31, 2005



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, identified as 324739, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.
7. One (1) pneumatic shot blasting, identified as AC- NK8991, segment ID 1, media used is walnut shell, using a wet scrubber as control and exhausting to a stack.
8. One (1) pneumatic shot blasting, identified as NK5448, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.
9. Four (4) pneumatic shot blasting, identified as 180732, 132641, 180532, 180548 segment ID 2, media used is steel shot, using a wet scrubber to control facilities 132641, 180532, 180548 and a baghouse to control facility 180732, and exhausting to a stack.
10. One (1) pneumatic shot blasting, identified as 199672, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.
11. One (1) pneumatic shot blasting, identified as 132544, segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.
12. Two (2) pneumatic shot blasting, identified as 220554, and 220544 segment ID 2, media used is steel shot, using wet scrubber for control and exhausting to a stack.
13. Four (4) reciprocating internal combustion engines, identified as dyna, 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, media used is steel shot, recirculation rate is 48,000 pounds per hour, using a wet scrubber for control.
17. One (1) Wheelabrator #22 Super III Tumblast identified as AAA012334, media used is steel shot, recirculation rate is 56,760 pounds per hour, using a wet scrubber for control.
18. One (1) Engineered Abrasive Shot Blaster identified as AAA018493, media used is steel shot, recirculation rate is 80 pounds per hour, using a cartridge bag house for control and exhausting inside the plant;
19. One (1) Engineered Abrasive Shot Blaster identified as AAA018494, media used is steel shot, recirculation rate is 80 pounds per hour, using a wet scrubber for control.
20. One hundred forty eight (148) wet machines, controlled by fifteen (15) 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 reciprocating 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.

## SECTION D.10 FACILITY OPERATION CONDITIONS

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

- (t) One hundred forty eight (148) wet machines, controlled by fifteen (15) 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 and 40 CFR 52.21]

The Particulate Matter (PM) and Particulate Matter Less Than Ten Microns (PM10) emissions from each of the fifteen (15) oil mist collectors which control the one hundred forty eight (148) 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 and 40 CR 52.21 (PSD) not applicable and will also satisfy the requirements under 326 IAC 6-1 (Particulate Emissions Limitations for Nonattainment Areas).

#### 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 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 Matter (PM)/Particulate Matter Less Than Ten Microns (PM10)

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 four (4) 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 (T067-6504-00065). 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**

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- (a) Daily visible emission notations of the mist collectors stack exhaust shall be performed 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) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

### **D.10.7 Parametric Monitoring**

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The Permittee shall record the total static 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. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop on the mist collectors shall be maintained within the range of 0.1 to 2.5 inches of water or a range established during the latest stack test. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge 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**

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- (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 the following:
  - (1) Weekly records of the following operational parameters during normal operation when venting to the atmosphere:
    - (A) Differential static pressure drop between the inlet and outlet across the bag filters; and
  - (2) Documentation of all response steps implemented, per event .

- (3) Operation and preventive maintenance logs, including work purchases orders, shall be maintained.
  - (4) Quality Assurance/Quality Control (QA/QC) procedures.
  - (5) Operator standard operating procedures (SOP).
  - (6) Manufacturer's specifications or its equivalent.
  - (7) Equipment "troubleshooting" contingency plan.
  - (8) Documentation of the dates vents are redirected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of the Part 70 permit.