INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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*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: August 30, 2005

RE: Daimler Chrysler Corp / 067-21602-00065

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

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Mr. Rocky Beem
DaimlerChrysler Corporation - Kokomo Transmission Plant
2401 South Reed Road
Kokomo, IN 46904

Re: 067-21602-00065
Ninth Administrative Amendment to
Part 70 No.: T 067-6504-00065

Dear Mr. Beem:

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 August 08, 2005. The request consisted of revising the steel shot recirculation capacity of two (2) engineered abrasive shot blasters, identified as AAA018493 and AAA018494.

Condition D.9.1 (Nonattainment Area Particulate Limitations) specifies PM/PM10 emission limits for shot blasters AAA018493 and AAA018494. Additionally, condition D.9.2 (Testing Requirements) requires testing for shot blaster AAA018494. Stack testing for AAA018494 was conducted during August 10 and 11, 2004, at a maximum operating rate of 56,760 pounds of shot per hour. Stack testing results demonstrated compliance with the grain loading and pound per hour emission limits within condition D.9.1. Therefore, all emission standards and limitations and testing requirements remain unchanged by this modification.

Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows: (deletions are marked with a ~~strikeout~~ and the new information is in **bold)**

1. Section A.2 has been revised as follows:

    18. One (1) Engineered Abrasive Shot Blaster identified as AAA018493, media used is steel shot, recirculation rate is ~~80~~ **14,400** 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~~ **14,400** pounds per hour, using a wet scrubber for control.

2. Section D.9 has been revised as follows:

**SECTION D.9 FACILITY OPERATION CONDITIONS**

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

18. One (1) Engineered Abrasive Shot Blaster identified as AAA018493, media used is steel shot, recirculation rate is ~~80~~ **14,400** 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~~ **14,400** pounds per hour, using a wet scrubber for control.

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:
Nisha Sizemore, Section 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

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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: Original Signed by:<br>Janet G. McCabe, Assistant Commissioner<br>Office of Air Quality | Issuance Date: September 1, 1999<br><br>Expiration Date: September 1, 2004 |

1st Administrative Amendment 067-11399-00065, issued November 9, 1999
2nd Administrative Amendment 067-13661-00065, issued March 26, 2001
3rd Administrative Amendment 067-11981-00065, issued April 27, 2000
4th Administrative Amendment 067-11990-00065, issued September 1, 2000
5th Administrative Amendment 067-15176-00065, issued March 15, 2002
1st Minor Source Modification 067-11163-00065, issued September 30, 1999
2nd Minor Source Modification 067-11508-00065, issued December 8, 1999
3rd Minor Source Modification 067-14232-00065, issued May 1, 2001
1st Significant Source Modification 067-12243-00065, issued January 4, 2001
1st Significant Permit Modification 067-15918-00065, issued October 17, 2002
6th Administrative Amendment 067-16442-00065, issued January 6, 2003
1st Minor Permit Modification 067-16664-00065, issued April 24, 2003
2nd Significant Source Modification 067-16686-00065, issued June 23, 2003
2nd Significant Permit Modification 067-16788-00065, issued July 8, 2003
4th Minor Source Modification 067-17799-00065, issued September 16, 2003
2nd Minor Permit Modification 067-17714-00065, issued September 16, 2003
3rd Minor Permit Modification 067-18500-00065, issued May 18, 2004
7th Administrative Amendment 067-19500-00065, issued August 19, 2004
4th Minor Permit Modification 067-19553-00065, issued January 26, 2005
8th Administrative Amendment 067-20879-00065, issued March 31, 2005

| 9th Administrative Amendment No.<br>AA 067-21602-00065 | Sections Affected: A.2, D.9 |
|---|---|
| Issued by:<br>Original Signed By:<br>Nisha Sizemore, Section Chief<br>Office of Air Quality | Issuance Date: August 30, 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 Multitable 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 14,400 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 14,400 pounds per hour, using a wet scrubber for control.

**SECTION D.9 FACILITY OPERATION CONDITIONS**

Facility Description [326 IAC 2-7-5(15)] The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

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 14,400 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 14,400 pounds per hour, using a wet scrubber for control.

**Emission Limitations and Standards**

D.9.1 Nonattainment Area Particulate Limitations [326 IAC 6-1-2]

Pursuant to 326 IAC 6-1-2 [Nonattainment Area Particulate Limitations] 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)).

| Process / Facility | Process Exhaust (scfm) | PM / $PM_{10}$ Allowable Emissions (lbs/hr) | Rule Requirement gr/dscf |
|---|---|---|---|
| Wheelabrator Shot Blaster Deburr (ID. #AAA006276) | 4,350 | 1.08 | 0.03 |
| Wheelabrator #22 Super III Tumblast (ID. #AAA012334) | 16,000 | 1.3 | 0.03 |
| Engineered Abrasive Shot Blaster (ID. # AAA018494) | | 0.13 | 0.03 |
| Engineered Abrasive Shot Blaster (ID. # AAA018493) | 2,000 | 0.06 | 0.03 |

D.9.2 PSD Minor Limit [326 IAC 2-2][40 CFR 52.21]

The total potential to emit particulate matter emissions are less than 25 tons per year and 15 tons per year of PM 10 emissions. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) shall not apply.