



Joseph E. Kernan  
Governor

Lori F. Kaplan  
Commissioner

April 6, 2004

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

TO: Interested Parties / Applicant

RE: NTN Driveshaft, Inc. / 005-18660-00066

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 9/16/03

April 6, 2004

Mr. Thomas Fowler  
NTN Driveshaft, Inc.  
8251 South International Drive  
Columbus, Indiana 47201

Re: 005-18660  
Notice-only change to  
MSOP 005-18032-00066

Dear Mr. Fowler:

NTN Driveshaft, Inc., located at 8251 South International Drive, Columbus, Indiana 47201 was issued a Minor Source Operating Permit on September 16, 2003 for a plant that manufactures constant velocity joints (CVJ), driveshaft parts, and related components. A letter notifying the Office of Air Quality of a change was received on March 11, 2004. The source requested that the MSOP be revised to reflect that the rust prevention coating lines (RP Coating Lines #1, #2, #3, #4 and #5 will vent the emissions to the atmosphere through exhaust stacks versus inside the building. No emissions will result from this change as these lines PTEs were already accounted for in the issued Significant Permit Revision 005-18032-00066. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows (additions are **bolded** and deletions are ~~struck through~~ for emphasis):

A.2 Emission Units and Pollution Control Equipment Summary

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(a) through (j) no change

- (k) Five (5) rust preventative coating lines RP#1 through 5 (identified as EU54, 55, 56, 57, and 58), each with a maximum rated capacity of 180 steel CVJ units per hour, **and exhausting to stacks RP1, RP2, RP3, RP4 and RP5.**

D.1

**Facility Description: Forging Presses, Shaft Line, and Parkerizing Line**

(a) through (j) no change

- (k) Five (5) rust preventative coating lines RP#1 through 5 (identified as EU54, 55, 56, 57, and 58), each with a maximum rated capacity of 180 steel CVJ units per hour, **and exhausting to stacks RP1, RP2, RP3, RP4 and RP5.**

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

All conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter 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 Aida De Guzman at (800) 451-6027, press 0 and ask for extension (3-4972), or dial (317) 233-4972.

Sincerely,

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

Attachments

APD

cc: File - Bartholomew County  
U.S. EPA, Region V  
Bartholomew County Health Department  
Air Compliance Section Inspector - Vaughn Ison  
Compliance Data Section  
Administrative and Development



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## MINOR SOURCE OPERATING PERMIT OFFICE OF AIR QUALITY

**NTN Driveshaft, Inc.  
 8251 S. International Dr.  
 Columbus, Indiana 47201**

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

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Operation Permit No.: MSOP 005-14340-00066	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: September 16, 2003 Expiration Date: September 16, 2008

First Significant Permit Revision No.: 005-18032-00066, issued on February 5, 2004

First Notice-Only Change No.: 005-18660	Pages Affected: 9, 19
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: April 6, 2004



- (12) One (1) natural gas-fired boiler, identified as B12, constructed in 2002, with a rated capacity of 0.2 million British thermal units per hour, and exhausting to stack B12;
- (13) Seventy-two (72) natural gas-fired space heaters, identified as UH1-72, with a combined rated maximum capacity of 7.71 million British thermal units per hour;
- (14) Fifty-eight (58) natural gas-fired roof top air handlers, identified as RTAH1-58, with a combined rated maximum capacity of 24.63 million British thermal units per hour (note: each unit has a maximum capacity less than 10 million British thermal units per hour);
- (15) Thirteen (13) natural gas-fired air make-up units, identified as MAU1-13, with a combined rated maximum capacity of 23.15 million British thermal units per hour (note: each unit has a maximum capacity less than 10 million British thermal units per hour);
- (16) Three (3) natural gas-fired HVAC units, identified as A/C1-3, with a combined rated maximum capacity of 1.68 million British thermal units per hour; and
- (17) Twenty-two (22) natural gas-fired miscellaneous units, identified as WH, with a combined rated maximum capacity of 4.15 million British thermal units per hour.
- (18) One (1) natural gas-fired boiler (identified as boiler B13), with a maximum heat input capacity of 4.20 MMBtu per hour, and exhausting at stack B13.
- (19) Natural gas-fired combustion units consisting of unit space heaters, roof top air handlers, and air make-up units, with a combined heat input capacity of 101 MMBtu per hour.
- (j) Three (3) CVJ forging presses #3, #4 and #5 (identified as EU28, 29, and 30), each with a maximum rated capacity of 12,00 steel billets per hour and 3.84 gallons of graphite lubricant per hour, using a venturi scrubber with an oil mist elimination chamber as control, and exhausting at stacks F5, F6 and F7.
- (k) Five (5) rust preventative coating lines RP#1 through 5 (identified as EU54, 55, 56, 57, and 58), each with a maximum rated capacity of 180 steel CVJ units per hour, and exhausting to stacks RP1, RP2, RP3, RP4 and RP5.

A.3 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 an affected source under Title IV (Acid Deposition Control) of the Clean Air Act, as defined in 326 IAC 2-7-1(3);
- (c) 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 D.1**

**FACILITY OPERATION CONDITIONS**

**Facility Description: Forging Presses, Shaft Line, and Parkerizing Line**

- (a) One (1) CVJ Forging Press #1, identified as EU1, constructed in 1996, with a rated capacity of 810 steel billets per hour and 2.27 gallons of graphite lubricant per hour, using an oil mist eliminator with steel mesh filters and water rinsing to control particulate emissions, and exhausting to stack F3;
- (b) One (1) CVJ Forging Press #2, identified as EU2, constructed in 1996, with a rated capacity of 810 steel billets per hour and 2.27 gallons of graphite lubricant per hour, using a venturi scrubber with an oil mist elimination chamber to control particulate emissions, and exhausting to stack F4;
- (c) One (1) Hub Forging Press #1, identified as EU4 (F1), constructed in 1996, with a rated capacity of 1,200 steel billets per hour and 3.84 gallons of graphite lubricant per hour, using an oil mist eliminator to control particulate emissions, and exhausting to stack F1;
- (d) One (1) shaft line, identified as EU16, constructed in 1996, with a rated capacity of 514 steel CVJ units per hour and 0.87 gallons of paint per hour, using dry filters to control particulate emissions, and exhausting to stack S4;
- (e) One (1) shaft line convection oven, identified as shaft line convection oven, constructed in 1996, with a rated capacity of 480 steel CVJ units per hour, and exhausting to stack S5;
- (f) One (1) Parkerizing line, identified as EU23, constructed in 1996, with a rated capacity of 514 steel CVJ units per hour, 1.77 pounds per hour of Additive 1, 13.83 pounds per hour of Parco Cleaner 2053, and 57.74 pounds of Parco Lubrite per hour, and exhausting to stack S2;
- (j) Three (3) CVJ forging presses #3, #4 and #5 (identified as EU28, 29, and 30), each with a maximum rated capacity of 12,00 steel billets per hour and 3.84 gallons of graphite lubricant per hour, using a venturi scrubber with an oil mist elimination chamber as control, and exhausting at stacks F5, F6 and F7.
- (k) Five (5) rust preventative coating lines RP#1 through 5 (identified as EU54, 55, 56, 57, and 58), each with a maximum rated capacity of 180 steel CVJ units per hour, and exhausting to stacks RP1, RP2, RP3, RP4 and RP5.

(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 2-6.1-5(a)(1))**

**D.1.1 Particulate Emissions Limitations [326 IAC 6-3-2]**

- (a) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from these facilities shall not exceed the listed pounds per hour emission limitations when operating at the process weight rates listed below:

Unit	Process Weight Rate (lb/hr)	Process Weight Rate (ton/hr)	Particulate Emission Limit (lb/hr)
CVJ Forging Press #1 (EU1)	6885	3.44	9.38
CVJ Forging Press #2 (EU2)	6885	3.44	9.38