



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: August 3, 2005

RE: Parker Hannifin-Powertrain Division
Ligonier Operation / 113-21402-00044

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Registration

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 4-21.5-3-4(d) this order is effective when it is served. When served by U.S. mail, the order is effective three (3) calendar days from the mailing of this notice pursuant to IC 4-21.5-3-2(e).

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 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.

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
FN-REGIS.dot 1/10/05



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

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Mr. Jeff Vangundy
Parker Hannifin - Powertrain Division
Ligonier Operation
1201 Gerber Street
Ligonier, Indiana 46767

August 3, 2005

Re: Registered Operation Status,
113-21402-00044

Dear Mr. Vangundy:

The application from Parker Hannifin –Powertrain Division- Ligonier Operation received on July 11, 2005, for a change of Authorized Individual has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, the emission units at this motor vehicle parts and accessories manufacturing plant, located at 1201 Gerber Street, Ligonier, Indiana, 46767, remain classified as registered:

- (a) One (1) rubber molding facility, with a maximum throughput rate of 700 pounds of rubber components per hour, and exhausting at stack M. This unit was constructed in 1994.
- (b) One (1) rubber extruding line, with a maximum throughput rate of 300 pounds of material per hour. This unit was constructed in 1994.
- (c) One (1) post curing facility, with a maximum throughput rate of 225 pounds of rubber components per hour, and consisting of:
 - (1) Two (2) natural gas-fired post cure ovens, with a total maximum heat input capacity of 1.60 MMBtu per hour, using two (2) baghouses to control visible emissions, and exhausting at stacks I and J. The two (2) ovens were installed in 1994 and the baghouses in 2004.
 - (2) One (1) electric post cure oven, using one(1) baghouse to control visible emissions, and exhausting at stack H. This unit was installed in 1994.
 - (3) One (1) electric post cure oven, exhausting at stack K.. This unit was constructed in 1994.

Note: As per the agreed order with IDEM (Case No. 2002-12411-A), issued on January 20, 2004, the baghouses were installed and used in conjunction with the three (3) post cure ovens to eliminate the visible emissions using bag filters continuously. The bag filters are coated with lime with a maximum throughput of 4.17 pounds of lime per hour. The wax attaches to the lime and is captured by the bag filters having a control efficiency of 99 %. The lime is reused to coat the filters.

- (d) One (1) rubber trimming line, with a maximum throughput rate of 500 pounds of material per hour, controlled by a baghouse, and exhausting at stack Q. This unit was constructed in 1994.



- (e) One (1) sand blasting facility, with a total maximum throughput rate of 1200 pounds of rubber components per hour and a maximum sand abrasive usage of 90 pounds per hour. This unit was constructed in 1994.
- (f) Eleven (11) natural gas-fired combustion units, with a total maximum heat input capacity of 4.62 MMBtu per hour. These units were installed in 1994.
- (g) One (1) liquid nitrogen storage tank, with a maximum storage capacity of 9,000 gallons.
- (h) Thirty (30) rubber presses identified as Press 1 through 30, with a total maximum throughput rate of 700 pounds of rubber components per hour. These units were installed in 1994.

The following conditions shall be applicable:

- (a) 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:
 - (1) 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.
 - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period 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.
- (b) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), particulate emissions from the rubber extruders, trimming, and sand blasting facilities shall not exceed the particulate emission limits in pounds per hour as shown in the table below:

Emission Units	Process Weight		Particulate Emission Limit (lbs/hour)
	(lbs/hour)	(tons/hour)	
Rubber Extrusion	300	0.15	1.15
Rubber Trimming	500	0.25	1.62
Sand Blasting	1200	0.60	2.91

The pounds per hour limitations were calculated with the following equation:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by the use of the equation:

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

where:

E = rate of emission in pounds per hour

and

P = process weight rate in tons

per hour

This registration is a revised registration issued to this source. The source may operate according to 326 IAC 2-5.5-4(a)(3).

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

**Compliance Branch
Office of Air Quality
100 North Senate Avenue
Indianapolis, IN 46204**

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Questions may be directed to Gary Freeman at IDEM, OAQ, 100 North Senate Avenue, Indianapolis, Indiana, 46204, or call (800) 451-6027, ask for Gary Freeman, or extension 3-5334, or dial (317) 233-5334.

Sincerely,

Original signed by
Nysa L. James, Section Chief
Permits Branch
Office of Air Quality

NLJ/gkf

cc: File - Noble County
Noble County Health Department
Air Compliance - Doyle Houser
IDEM Northern Regional Office
Permit Review Section 1 – Gary Freeman
Billing, Licensing and Training Section – Chet Bohannon

Registration Annual Notification

This form should be used to comply with the notification requirements under 326 IAC 2-5.5-4(a)(3)

Company Name:	Parker Hannifin-Powertrain Division-Ligonier Operation
Address:	1201 Gerber Street
City:	Ligonier, Indiana 46767
Authorized individual:	Mr. Jeff Vangundy
Phone #:	260-894-7125
Registration #:	113-21402-00044

I hereby certify that Parker Hannifin-Powertrain Division Ligonier Operation is still in operation and is in Compliance with the requirements of Registration 113-21402-00044.

Name (typed):
Title:
Signature:
Date:

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Revised Registration

Source Background and Description

Source Name:	Parker Hannifin-Powertrain Division-Ligonier Operation
Source Location:	1201 Gerber Street, Ligonier, Indiana 46767
County:	Noble
SIC Code:	3714
Registration No.:	113-17928-00044
Registration Issuance Date:	April 7, 2004
Revised Registration No.:	113-21402-00044
Permit Reviewer:	Gary Freeman

The Office of Air Quality (OAQ) reviewed a revision application from Parker-Hannifin Corporation. relating to the operation of a motor vehicle parts and accessories manufacturing plant.

Explanation of Revision

Parker Hannifin Corporation purchased changed their Authorized Individual to Mr. Jeff Vangundy, Plant Manager from Mr. Scott Strycker to the authorized individual. Mr. Vangundy meets the requirements of 326 IAC 2-1.1-1(1) as an authorized individual.

Recommendation

The staff recommends to the Commissioner that the Revised Registration be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purpose of this review was received on July 11, 2005.

Conclusion

This revision shall be added to the conditions of the Registration as 113-21402-00044.