

June 5, 2002

R. Dean Phillips  
Hoosier Trailer & Truck Equipment, Inc.  
4830 Todd Drive  
Fort Wayne, Indiana 46808

Re: Registered Construction and Operation Status,  
003-15676-00294

Dear Mr. Phillips:

The application from Hoosier Trailer & Truck Equipment, Inc., received on May 30, 2002, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following truck tractor and truck body painting source, to be located at 4830 Todd Drive, Fort Wayne, Indiana 46808, is classified as registered:

- (a) Two (2) paint booths, identified as PB1 and PB2, each equipped with four (4) air atomization spray guns and dry filters for overspray control, identified at DF1 and DF2, for metal surface coating, exhausting through Stacks S1 and S2, PB1 installed in 1965 and PB2 installed in 1994, capacity: 0.75 truck bodies per hour, each.
- (b) One (1) sand blast surface cleaning operation, identified as ASB-1, equipped with a cyclone and fabric filter, exhausting back into the sand blast room, installed in 1994, capacity: 200 pounds of aluminum oxide media per hour, throughput capacity: 250 pounds of trailer parts per hour.
- (c) Two (2) air makeup natural gas heaters, identified as AMH-1 & 2, installed in 1965 and 1994, rated at 2.45 million British thermal units per hour, total.
- (d) One (1) natural gas-fired steam boiler, identified as B-1, replaced in 2000, rated at 1.0 million British thermal units per hour.
- (e) One (1) portable horizontal steel storage tank, installed in 1993, capacity of 250 gallons of waste paint.

The following conditions shall be applicable:

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:
  - (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 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.
2. Pursuant to 326 IAC 6-2-4 (Emission limitations for facilities specified in 326 IAC 6-2-1(c)), the particulate matter (PM) emissions from the natural gas-fired boiler, rated at 1.0 million British thermal units per hour boiler shall not exceed 0.6 pounds per million British thermal units.
3. Pursuant to 326 IAC 6-3-2 (Process Operations):
- (a) The particulate matter (PM) overspray from the paint booths, identified as PB1 and PB2, shall be limited by the following equation in (c).
- (b) The allowable PM emission rate from the sand blast surface cleaning operation, identified as ASB-1, shall not exceed 1.02 pounds per hour when operating at a process weight rate of 250 pounds per hour (0.125 tons per hour). The pounds per hour limitation was calculated with the following equation in (c).
- (c) Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:
- $$E = 4.10 P^{0.67} \quad \text{where, } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$
4. The cyclone and fabric filter for PM control shall be in operation and control emissions from the associated sand blast surface cleaning operation, identified as ASB-1, at all times that sand blasting is in operation.
5. In the event that bag failure has been observed:
- (a) For multi-compartment units, the affected compartments will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if there are no visible emissions or if the event qualifies as an emergency.
- (b) For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency.
6. In the event that cyclone failure has been observed:
- Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency.
7. Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicators at paint booths PB1 and PB2 shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for air dried coatings.
- Solvent sprayed from application equipment during cleanup or color changes shall be directed

into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

8. The dry filters for PM overspray control shall be in operation at all times when either paint booth PB1 and/or PB2 are in operation.
9. Any change or modification which may increase the potential to emit a combination of HAPs, VOC, PM or PM<sub>10</sub> to twenty five (25) tons per year or a single HAP to ten (10) tons per year from this source shall require approval from IDEM, OAQ prior to making the change.

This registration is a reissued registration to this source. The source may operate according to 326 IAC 2-5.5. This registration supercedes R 003-13743-00294 issued April 19, 2001.

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 2-5.1-2(f)(3). The annual notice shall be submitted to:

**Compliance Data Section  
Office of Air Quality  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015**

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.

Sincerely,  
Original signed by

Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

PD/gkf

cc: File - Allen County  
Allen County Health Department  
Air Compliance - Jennifer Dorn  
Permit Administration Files  
Air Programs Section- Chet Bohannon  
Permit Review Section 1 - Gary Freeman  
Compliance Data Section - Karen Nowak

## Registration

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

<b>Company Name:</b>	<b>Hoosier Trailer &amp; Truck Equipment, Inc.</b>
<b>Address:</b>	<b>4830 Todd Drive</b>
<b>City:</b>	<b>Fort Wayne, Indiana 46808</b>
<b>Authorized individual:</b>	<b>R. Dean Phillips</b>
<b>Phone #:</b>	<b>219 - 422 - 7564</b>
<b>Registration #:</b>	<b>003-15676</b>

I hereby certify that Hoosier Trailer & Truck Equipment, Inc., is still in operation and is in compliance with the requirements of Registration 003-15676-00294.

<b>Name (typed):</b>
<b>Title:</b>
<b>Signature:</b>
<b>Date:</b>