



*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: December 18, 2006  
RE: Torque-Traction Manufacturing Technologies, Inc. / 053-23751-00023  
FROM: Nisha Sizemore  
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 03/23/06



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
*We make Indiana a cleaner, healthier place to live.*

---

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December 18, 2006

Mr. Glen DeBoard  
Torque-Traction Manufacturing Technologies, Inc.  
400 South Miller Avenue  
Marion, IN 46952-1137

Re: 053-23751-00023  
Third Notice Only Change to  
Registered Construction and Operation Status,  
053-12540-00023

Dear Mr. DeBoard:

Torque-Traction Manufacturing Technologies, Inc. has been issued a Registered Construction and Operation Status on September 19, 2000. The application from Torque-Traction Manufacturing Technologies, Inc. received on October 10, 2006, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following source, to be located at 400 South Miller Avenue, Marion, Indiana, remains classified as registered:

- (a) Five (5) natural gas AMU comfort heating units with heat input rate of 7.15 million Btu/hour each, exhausting to the atmosphere;
- (b) Nine (9) natural gas ARU comfort heating units with heat input rate of 0.35 million Btu/hour each, exhausting to the atmosphere;
- (c) One (1) natural gas ARU comfort heating unit with heat input rate of 3.125 million Btu/hour, exhausting to the atmosphere;
- (d) Five (5) natural gas ARU comfort heating units with heat input rate of 1.25 million Btu/hour each, exhausting to the atmosphere;
- (e) One (1) non-production natural gas hot water parts washer with a heat input rate of 0.24 million Btu/hour, exhausting to the atmosphere; and
- (f) One (1) natural gas heated three (3) stage Grobe Spray Washer, heated by two (2) MAXON Tube-O-Therm gas burners rated at 0.9 million Btu/hr each for a total capacity of 1.8 million Btu/hour. Each stage is heated to 140 degrees F. (Stage 1, 950 gallons 5% alkaline cleaner; Stage 2, 500 gallons rinse water; and Stage 3, 3.5% rust preventative.)

The following conditions shall be applicable:

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), 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.
- (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minute (sixty (60) readings 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.

This registration combines several previous Notice-only changes issued to this source. The source may operate according to 326 IAC 2-5.5.

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  
Indianapolis, IN 46204-2251

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

Matthew W. Stuckey, Section Chief  
Permits Branch  
Office of Air Quality

MS/gkf

cc: File - Grant County  
Grant County Health Department  
Air Compliance – Marc Goldman  
Permit Review Section 1 – Gary Freeman  
Billing, Licensing and Training Section  
Compliance Data Section

|   |
|---|
| <b>Registration<br/>Annual Notification</b> |
|---|

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>Torque-Traction Manufacturing Technologies, Inc.</b> |
| <b>Address:</b>               | <b>400 S. Miller Avenue</b>                             |
| <b>City:</b>                  | <b>Marion, Indiana</b>                                  |
| <b>Authorized individual:</b> | <b>Bob Cole, Regional Environmental Manager</b>         |
| <b>Phone #:</b>               | <b>(260) 494-9764</b>                                   |
| <b>Registration #:</b>        | <b>053-12540-00023</b>                                  |
|                               |   |

I hereby certify that Dana Corporation is still in operation and is in compliance with the requirements of Registration 053-12540-00023.

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



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December 18, 2006

Mr. Glen DeBoard  
Torque-Traction Manufacturing Technologies, Inc.  
400 South Miller Avenue  
Marion, IN 46952-1137

Re: Third Notice-only Change 053-23751-00023  
Registered Construction and Operation Status,  
053-12540-00023

Dear Mr. DeBoard:

The application from Torque-Traction Manufacturing Technologies, Inc. was received on October 10, 2006, requesting a change in emissions units at its facility located at 400 South Miller Avenue, Marion, Indiana, 46952-1137. Based on the data submitted and the provisions in 326 IAC 2-5.5, the Registered Construction and Operation Status was changed as follows:

1. Emission units removed from the facility or numbers of units are identified as ~~strike throughs~~ and unit numbers changed or added are **bolded**:
  - (a) Five (5) natural gas AMU comfort heating units with heat input rate of 7.15 million Btu/hour each, exhausting to the atmosphere;
  - (b) ~~Eleven (11)~~ **(9)** natural gas ARU comfort heating units with heat input rate of 0.35 million Btu/hour each, exhausting to the atmosphere;
  - ~~(c) One (1) natural gas ARU comfort heating units with heat input rate of 0.4 million Btu/hour, exhausting to the atmosphere;~~
  - ~~(d)~~ **(c)** One (1) natural gas ARU comfort heating unit with heat input rate of 3.125 million Btu/hour, exhausting to the atmosphere;
  - ~~(e)~~ **(d)** Five (5) natural gas ARU comfort heating units with heat input rate of 1.25 million Btu/hour each, exhausting to the atmosphere;
  - ~~(f) One (1) non-production natural gas heat treat furnace with heat input rate of 0.65 million Btu/hour, exhausting to the atmosphere;~~
  - ~~(g)~~ **(e)** One (1) non-production natural gas hot water parts washer with a heat input rate of 0.24 million Btu/hour, exhausting to the atmosphere; and
  - ~~(h) One (1) natural gas water evaporator with a heat input rate of 1 million Btu/hour, exhausting to the atmosphere.~~

- (f) **One (1) natural gas heated three (3) stage Grobe Spray Washer. Heated by two (2) MAXON Tube-O-Therm gas burners rated at 0.9 million Btu/hr each for a total capacity of 1.8 million Btu/hour. Each stage is heated to 140 degrees F. (Stage 1, 950 gallon 5% alkaline cleaner; Stage 2, 500 gallons rinse water; and Stage 3, 3.5% rust preventative.)**
2. Since the Grobe Spray Washer has potential VOC emissions before control less than 25 tons per year the requirements of 326 IAC 8-1-6 do not apply. Since the rust preventative contained in Stage 3 of the Grobe Spray Washer spray washer contains no VOC, 326 IAC 8-3-2 and 326 8-3-5 do not apply.
  3. This registration combines several previous registrations issued to this source. The source may continue to operate according to 326 IAC 2-5.5.
  4. Additional changes were made to reflect a change in the name of the Office of Air Quality since issue of the Registered Operation Status. The mailing address was changed also and the information was updated to reflect those changes.

An authorized individual shall provide an annual notice to the Office of Air ~~Management~~ **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 ~~Management~~ **Quality**  
100 North Senate Avenue  
~~P.O. Box 6015~~  
Indianapolis, IN ~~46206-6015~~ **46204-2251**

- no later than March 1 of each year, with the annual notice being submitted in the format attached.
5. The Permittee has submitted revised calculations based on the removal and addition of emission units. The revised calculations are being included as Appendix A, pages 1 and 2. Since the Potential to Emit (PTE) only had miniscule changes, the source will remain as a registered source.
  6. The Registration Annual Notification form was updated to show the change of the Authorized Individual and his new phone number, from Mr. Mark Highbaugh, to Mr. Bob Cole, Regional Environmental Manager. Mr. Cole meets the requirements of 326 IAC 2-1.1-1(1) as an Authorized Individual.

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

Matthew W. Stuckey, Section Chief  
Permits Branch  
Office of Air Quality

MS/gkf

Attachment: Revised PTE Calculations (2 pages)

cc: File - Grant County  
Grant County Health Department  
Air Compliance – Marc Goldman  
Permit Review Section 1 – Gary Freeman  
Billing, Licensing and Training Section  
Compliance Data Section

|   |
|---|
| <b>Registration<br/>Annual Notification</b> |
|---|

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>Torque-Traction Manufacturing Technologies, Inc.</b>                       |
| <b>Address:</b>               | <b>400 S. Miller Avenue</b>   |
| <b>City:</b>                  | <b>Marion, Indiana</b>  |
| <b>Authorized individual:</b> | <del>Mark Highbaugh</del> <b>Mr. Bob Cole, Regional Environmental Manager</b> |
| <b>Phone #:</b>               | <del>(765) 664-1281</del> <b>(260)-494-9764</b>                               |
| <b>Registration #:</b>        | <b>053-12540-00023</b>  |
|                               |   |

I hereby certify that Torque-Traction Manufacturing Technologies, Inc. is still in operation and is in compliance with the requirements of Registration 053-12540-00023.

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

**Appendix A: Emissions Calculations**

**Natural Gas Combustion Only**

**MM BTU/HR <100**

**Small Industrial Boiler**

**Company Name: Torque-Traction Manufacturing Technologies, Inc.**

**Address City IN Zip: 400 S. Miller Avenue, Marion, Indiana 46952-1137**

**Permit Number: 053-23751-00023**

**Plt ID: 053-00023**

**Reviewer: Gary Freeman**

**Date: 4-Dec-06**

| Heat Input Capacity<br>MMBtu/hr | Number of<br>Furnaces | Potential<br>Throughput<br>MMCF/yr |
|---------------------------------|-----------------------|------------------------------------|
| 7.15                            | 5                     | 313.2                              |
| 0.35                            | 9                     | 27.6                               |
| 3.13                            | 1                     | 27.4                               |
| 1.25                            | 5                     | 54.8                               |
| 0.24                            | 1                     | 2.1                                |
| 0.90                            | 2                     | 15.8                               |
| <b>TOTAL</b>                    |                       | <b>440.8</b>                       |

| Emission Factor in lb/MMCF          | Pollutant |       |     |                             |     |      |
|-------------------------------------|-----------|-------|-----|-----------------------------|-----|------|
|                                     | PM*       | PM10* | SO2 | NOx<br>100.0<br>**see below | VOC | CO   |
|                                     | 1.9       | 7.6   | 0.6 |                             | 5.5 | 84.0 |
| Total Potential Emission in tons/yr | 0.4       | 1.7   | 0.1 | 22.0                        | 1.2 | 18.5 |

\*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

\*\*Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

**Methodology**

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See page 2 for HAPs emissions calculations.

**Appendix A: Emissions Calculations**

**Natural Gas Combustion Only**

**MM BTU/HR <100**

**Small Industrial Boiler**

**HAPs Emissions**

**Company Name: Torque-Traction Manufacturing Technologies, Inc.**

**Address City IN Zip: 400 S. Miller Avenue, Marion, Indiana 46952-1137**

**Permit Number: 053-23751-00023**

**Plt ID: 053-00023**

**Reviewer: Gary Freeman**

**Date: 4-Dec-06**

| HAPs - Organics               |                    |                            |                         |                   |                    |
|-------------------------------|--------------------|----------------------------|-------------------------|-------------------|--------------------|
| Emission Factor in lb/MMcf    | Benzene<br>2.1E-03 | Dichlorobenzene<br>1.2E-03 | Formaldehyde<br>7.5E-02 | Hexane<br>1.8E+00 | Toluene<br>3.4E-03 |
| Potential Emission in tons/yr | 4.628E-04          | 2.645E-04                  | 1.653E-02               | 3.967E-01         | 7.494E-04          |

| HAPs - Metals                 |                 |                    |                     |                      |                   |
|-------------------------------|-----------------|--------------------|---------------------|----------------------|-------------------|
| Emission Factor in lb/MMcf    | Lead<br>5.0E-04 | Cadmium<br>1.1E-03 | Chromium<br>1.4E-03 | Manganese<br>3.8E-04 | Nickel<br>2.1E-03 |
| Potential Emission in tons/yr | 1.102E-04       | 2.424E-04          | 3.086E-04           | 8.375E-05            | 4.628E-04         |

**Total HAPs Emissions: 4.159E-01**

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.  
Additional HAPs emission factors are available in AP-42, Chapter 1.4.