



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

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 22, 2007

RE: Torque-Traction Manufacturing Technologies, Inc. / 053-25103-00023

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.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

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

August 22, 2007

Re: Registration Notice-Only Change
No. R053-25103-00023

Dear Mr. Highbaugh:

Torque-Traction Manufacturing Technologies, Inc. was issued a Registration No. R053-12540-00023 on September 19, 2000 for a stationary automobile parts manufacturing facility located at 400 South Miller Avenue, Marion, IN 46952. A letter notifying the Office of Air Quality of a notice-only change to the registration was received on August 6, 2007. The source plans to add two (2) Wisconsin Oven Aging Furnaces that have potential emissions of regulated criteria pollutants and hazardous air pollutants of less than the threshold levels specified in 326 IAC 2-5.5-6(d)(10) and 326 IAC 2-5.5-6(d)(12), respectively. The addition of the two (2) Wisconsin Oven Aging Furnaces is considered a notice-only change pursuant to 326 IAC 2-5.5-6(d). No new state rules are applicable to this source. This source is not a major PSD stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or greater and it is not in one of the 28 source categories listed in 326 IAC 2-2-1(gg)(1). There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) or National Emission standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 20 and 40 CFR Part 61, 63) included in this notice-only change.

In addition, IDEM updated the emission calculations in order to clarify the source's potential to emit before and after controls. Finally, IDEM has begun implementing a new procedure and will no longer list the name or title of the Authorized Individual (AI) in permits. These changes are considered notice-only changes pursuant to 326 IAC 2-5.5-6. Pursuant to 326 IAC 2-5.5-6, the registration is hereby revised as follows, with deleted language as ~~strikeouts~~ and new language **bolded**:

- (a) **Two (2) Wisconsin Oven Aging Furnaces, each heated by one (1) natural gas burner rated at 1.0 million Btu/hr, for a total capacity of 2.0 million Btu/hour. Each oven is heated to 350 degrees Fahrenheit (°F) for a minimum of eight (8) hours.**

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration.

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 Hannah Desrosiers, at (800) 451-6027, press 0 and ask for extension 4-5374, or dial (317) 234-5374.

Sincerely/Original Signed By:

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

NS/hld

Attachment: Revised Registration

cc: File – Grant County
Grant County Health Department
Air Compliance Section – Ryan Hillman
Permit Review Section 5 – Hannah Desrosiers
Permit Tracking
Compliance Data Section
Permits Administrative and Development
Billing, Licensing and Training Section – Dan Stamatkin



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

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

August 22, 2007

Re: Notice-Only Change No. R053-25103-00023
Registered Construction and Operation Status

Dear Mr. Highbaugh:

Torque-Traction Manufacturing Technologies, Inc. was issued a Registration No. R053-12540-00023 on September 19, 2000 for a stationary automobile parts manufacturing facility located at 400 South Miller Avenue, Marion, IN 46952. A letter notifying the Office of Air Quality of a notice-only change to the registration was received on August 6, 2007. The source plans to add two (2) Wisconsin Oven Aging Furnaces that have potential emissions of regulated criteria pollutants and hazardous air pollutants of less than the threshold levels specified in 326 IAC 2-5.5-6(d)(10) and 326 IAC 2-5.5-6(d)(12), respectively. The addition of the two (2) Wisconsin Oven Aging Furnaces is considered a notice-only change pursuant to 326 IAC 2-5.5-6(d). No new state rules are applicable to this source. This source is not a major PSD stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or greater and it is not in one of the 28 source categories listed in 326 IAC 2-2-1(gg)(1). There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) or National Emission standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 20 and 40 CFR Part 61, 63) included in this notice-only change.

Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following stationary automobile parts manufacturing facility, located at 400 South Miller Avenue, Marion, IN 46952, is 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.);

- (g) Two (2) Wisconsin Oven Aging Furnaces, each heated by one (1) natural gas burner rated at 1.0 million Btu/hr, for a total capacity of 2.0 million Btu/hour. Each oven is heated to 350 degrees Fahrenheit (°F) for a minimum of eight (8) hours.

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 Exemptions), 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.
 - (b) 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 source remains a registered 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 2-5.5-4(a)(3). The annual notice shall be submitted to:

Compliance Data Section
Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
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.

Sincerely/Original Signed By:

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

NS/hld

cc: File – Grant County
Grant County Health Department
Air Compliance Section – Ryan Hillman
Permit Review Section 5 – Hannah Desrosiers
Permit Tracking
Compliance Data Section
Permits Administrative and Development
Billing, Licensing and Training Section – Dan Stamatkin

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:	Dana Torque-Traction Manufacturing Technologies, Inc.
Address:	400 S. Miller Avenue, Marion, Indiana
Phone #:	(260)-494-9764
Registration #:	R053-25103-00023

Certification by the Authorized Individual

I hereby certify that Torque-Traction Manufacturing Technologies, Inc. is still in operation and is in compliance with the requirements of Registration R053-25103-00023.

Name (typed):

Title:

Signature:

Phone Number:

Date:

Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Particulate Emissions

Company Name: Torque-Traction Manufacturing Technologies, Inc.
Address City IN Zip: 400 South Miller Avenue, Marion, IN 46952-1137
Permit Number: 053-25103
Plt ID: 053-00023
Reviewer: Hannah L. Desrosiers
Date: 8/17/2007

(2) Wisconsin Oven Aging Furnaces @ 1 MMBTU/hr

Heat Input Capacity

MMBtu/hr

2.0

Potential Throughput

MMCF/yr

17.5

Emission Factor in lb/MMCF	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
	1.9	7.6	0.6	100.0	5.5	84.0
				**see below		
Potential Emission in tons/yr	0.0166	0.0666	0.0053	0.8760	0.0482	0.7358

*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

Total Particulate = 0.0832 tons/yr

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
HAP Emissions

Company Name: Torque-Traction Manufacturing Technologies, Inc.
Address City IN Zip: 400 South Miller Avenue, Marion, IN 46952-1137
Permit Number: 053-25103
Plt ID: 053-00023
Reviewer: Hannah L. Desrosiers
Date: 8/17/2007

(2) Wisconsin Oven Aging Furnaces @ 1 MMBTU/hr

	HAPs - Organics				
Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	0.00001840	0.00001051	0.00065700	0.01576800	0.00002978

	HAPs - Metals				
Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03
Potential Emission in tons/yr	0.00000438	0.00000964	0.00001226	0.00000333	0.00001840

Methodology is the same as page 1.

Total HAPs =	0.0158	tons/yr
---------------------	---------------	----------------

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