



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: October 19, 2010

RE: Tenneco, Inc / 113-29736-00077

FROM: Matthew Stuckey, Branch 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, Suite N 501E, 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.dot12/3/07



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

Mr. Charles Ramus
Tenneco, Inc.
1490 Gerber Street
Ligonier, Indiana 46767

October 19, 2010

Re: 113-29736-00077
Second Registration Notice-Only Change to
R 113-14290-00077

Dear Mr. Ramus:

Tenneco Automotive Operating Company, Inc. was issued a Registration No. 113-14290-00077 on May 10, 2001, for a stationary muffler systems and automotive parts manufacturing source located at 1490 Gerber Street, Ligonier, Indiana 46767. On September 28, 2010, the Office of Air Quality (OAQ) received an application from the source requesting that the registration be updated to indicate a change in ownership and company name change to Tenneco, Inc, and add two plasma welding stations to the source. The potential to emit of these two welding stations is negligible. Therefore, these changes to the registration are considered a notice-only change pursuant to 326 IAC 2-5.5-6(d)(3). Pursuant to 326 IAC 2-5.5-6, the registration is hereby revised as follows, with deleted language as ~~strikeouts~~ and new language **bolded**:

(1) The company name has been revised throughout the registration as follows:

Company Name: ~~Tenneco Automotive Operating Company, Inc~~
Tenneco, Inc.

(2) Two plasma welding stations have been added to the descriptions as follows:

(d) Two (2) plasma welding stations, identified as PW5 and PW6, approved for construction in 2010, each with a maximum capacity of 1000 pounds per hour of steel.

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration. A copy of the registration is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

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 Ms. Renee Traivaranon, at (800) 451-6027, press 0 and ask for Renee Traivaranon or extension 4-5615, or dial (317) 234-5615.

Sincerely,

Iryn Cajlung, Section Chief
Permits Branch
Office of Air Quality

IC/rt

Attachments

cc: File - Noble County
Noble County Health Department
Compliance and Enforcement Branch
Billing, Licensing and Training Section



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

REGISTRATION OFFICE OF AIR QUALITY

Tenneco, Inc.
1490 Gerber Street
Ligonier, Indiana 46767

Pursuant to 326 IAC 2-5.1 (Construction of New Sources: Registrations) and 326 IAC 2-5.5 (Registrations), (herein known as the Registrant) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this registration.

Registration No. R 113-14290-00077

Originally Signed by:
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Issuance Date: May 10, 2001

First Registration Revision No. 113-22418-00077, issued on February 2, 2006
Notice-Only Change No. 113-26001-00077, issued on March 3, 2008
Second Registration Revision No. 113-27888-00077, issued on May 29, 2009

Second Notice-Only Change No. 113-29736-00077

Issued by:

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

Issuance Date:

October 19, 2010

SECTION A

SOURCE SUMMARY

This registration is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Registrant should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Registrant to obtain additional permits pursuant to 326 IAC 2.

A.1 General Information

The Registrant owns and operates a stationary muffler systems and automotive parts manufacturing source.

Source Address:	1490 Gerber Street, Ligonier, Indiana 46767
Mailing Address:	1490 Gerber Street, Ligonier, Indiana 46767
General Source Phone Number:	(260) 894-9400
SIC Code:	3714
County Location:	Noble County
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Registration

A.2 Emission Units and Pollution Control Equipment Summary

This stationary source consists of the following emission units and pollution control devices:

(a) Muffler Assembly

- (1) Thirty four (34) semi-automatic MIG welding stations, approved for construction in 2001, with a maximum capacity of 11.6 pounds of wire per hour (lbs/hr), each;
- (2) Forty-three (43) semi-automatic MIG welding stations, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (3) Four (4) semi-automatic MIG welding stations, approved for construction in 2006, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (4) Three (3) semi-automatic MIG welding stations, approved for construction in 2009, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (5) Five (5) robotic welding stations, approved for construction in 2001, with a maximum capacity of 12.3 pounds of wire per hour, each;
- (6) Five (5) robotic welding stations, approved for construction in 2006, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (7) Four (4) robotic welding stations, approved for construction in 2008, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (8) Five (5) robotic welding stations, approved for construction in 2009, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (9) Twenty-nine (29) MIG/TIG hand welding stations, approved for construction in 2001, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;

- (10) Five (5) MIG/TIG hand welding stations, approved for construction in 2006, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (11) One (1) MIG/TIG hand welding station, approved for construction in 2009, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr);
- (12) One (1) tube mill induction welding station, approved for construction in 2001, with a maximum capacity of 22,500 pounds of stainless steel per hour (lbs/hr);
- (13) Two (2) stick welding units, approved for construction in 2001, that will be used for repair;
- (14) Two (2) tube mill mist collectors, approved for construction in 2001;
- (15) Four (4) plasma welding stations, approved for construction in 2006, with a maximum capacity of 1000 pounds of steel per hour (lbs/hr), each ; and
- (16) Three (3) plasma cutters, approved for construction in 2008, with a maximum capacity of 2000 pounds per hour (lbs/hr) of miscellaneous parts for maintenance and quality control, each.

The Particulate Matter emissions from these welding stations are controlled by six (6) baghouses, identified as T-1, T-2, T-3, T-4, T-5 and T-6.

- (b) Three (3) natural gas-fired air make-up units, approved for construction in 2001, each has a heat input capacity of 4.125 million British thermal Units per hour (mmBtu/hr); and
- (c) One (1) natural gas-fired air make-up unit, approved for construction in 2001, with a heat input capacity of 3.85 mmBtu/hr.
- (d) Two (2) plasma welding stations, identified as PW5 and PW6, approved for construction in 2010, each with a maximum capacity of 1000 pounds per hour of steel.

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this registration shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

B.2 Effective Date of Registration [IC 13-15-5-3]

Pursuant to IC 13-15-5-3, this registration is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

B.3 Registration Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation), this registration to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this registration.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this registration.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this registration shall not require revocation of this registration.
- (d) For any cause which establishes in the judgment of IDEM, the fact that continuance of this registration is not consistent with purposes of this article.

B.4 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to Registration No. 113-14290-00077 and issued pursuant to permitting programs approved into the state implementation plan have been either:
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this registration.

B.5 Annual Notification [326 IAC 2-5.1-2(f)(3)] [326 IAC 2-5.5-4(a)(3)]

Pursuant to 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3):

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this registration.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue

MC 61-53 IGCN 1003
Indianapolis, IN 46204-2251

- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

B.6 Source Modification Requirement [326 IAC 2-5.5-6(a)]

Pursuant to 326 IAC 2-5.5-6(a), 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.

B.7 Registrations [326 IAC 2-5.1-2(i)]

Pursuant to 326 IAC 2-5.1-2(i), this registration does not limit the source's potential to emit.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]

C.1 Opacity [326 IAC 5-1]

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, unless otherwise stated in this registration:

- (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.

C.2 Fugitive Dust Emissions [326 IAC 6-4]

The Registrant shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

SECTION D.1

OPERATION CONDITIONS

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]:

(a) Muffler Assembly

- (1) Thirty four (34) semi-automatic MIG welding stations, approved for construction in 2001, with a maximum capacity of 11.6 pounds of wire per hour (lbs/hr), each;
- (1) Forty-three (43) semi-automatic MIG welding stations, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (2) Four (4) semi-automatic MIG welding stations, approved for construction in 2006, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (3) Three (3) semi-automatic MIG welding stations, approved for construction in 2009, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (4) Five (5) robotic welding stations, approved for construction in 2001, with a maximum capacity of 12.3 pounds of wire per hour, each;
- (5) Five (5) robotic welding stations, approved for construction in 2006, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (6) Four (4) robotic welding stations, approved for construction in 2008, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (7) Five (5) robotic welding stations, approved for construction in 2009, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (8) Twenty-nine (29) MIG/TIG hand welding stations, approved for construction in 2001, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (9) Five (5) MIG/TIG hand welding stations, approved for construction in 2006, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr), each;
- (10) One (1) MIG/TIG hand welding station, approved for construction in 2009, with a maximum capacity of 12.3 pounds of wire per hour (lbs/hr);
- (11) One (1) tube mill induction welding station, approved for construction in 2001, with a maximum capacity of 22,500 pounds of stainless steel per hour (lbs/hr);
- (12) Two (2) stick welding units, approved for construction in 2001, that will be used for repair;
- (13) Two (2) tube mill mist collectors, approved for construction in 2001;
- (14) Four (4) plasma welding stations, approved for construction in 2006, with a maximum capacity of 1000 pounds of steel per hour (lbs/hr), each ; and

- (15) Three (3) plasma cutters, approved for construction in 2008, with a maximum capacity of 2000 pounds per hour (lbs/hr) of miscellaneous parts for maintenance and quality control, each.

The Particulate Matter emissions from these welding stations are controlled by six (6) baghouses, identified as T-1, T-2, T-3, T-4, T-5 and T-6.

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

Emission Limitations and Standards [326 IAC 2-5.1-2(f)(1)] [326 IAC 2-5.5-4(a)(1)]

D.1.1 Particulate Emission Limitations for Manufacturing Processes [326 IAC 6-3]

Pursuant to 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)

- (a) The PM emission from the welding operation shall be limited to 1.4 pounds per hour at process weight rate of 0.20 tons per hour. This limit shall be determined using the following equation:

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:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

- (b) The baghouses shall be in operation at all times the welding operation is in operation, in order to comply with this limit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH**

**REGISTRATION
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3).

Company Name:	Tenneco, Inc.
Address:	1490 Gerber Street
City:	Ligonier, Indiana 46767
Phone Number:	(219) 894-9400
Registration No.:	113-14290-00077

I hereby certify that Tenneco, Inc. is :

still in operation.

I hereby certify that Tenneco, Inc. is :

no longer in operation.

in compliance with the requirements of Registration No. 113-14290-00077.

not in compliance with the requirements of Registration No. 113-14290-00077.

Authorized Individual (typed):
Title:
Signature:
Phone Number:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Charles Ramus
Tenneco, Inc
1490 Gerber St
Ligonier, IN 46767

DATE: October 19, 2010

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
Registration Notice-Only Change
113-29736-00077

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.


The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Peter Keck (Compliance Consulting Service, Inc)
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	MIDENNEY 10/19/2010 Tenneco Automotive Operating Company, Inc. 113-29736-00077 (final)		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	 Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: CERTIFICATE OF MAILING ONLY	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Charles Ramus Tenneco Automotive Operating Company, Inc. 1490 Gerber St Ligonier IN 46767 (Source CAATS) via confirmed delivery										
2		Peter Keck Compliance Consulting Service, Inc. 207 Hoosier Drive, Suite 4 Angola IN 46703 (Consultant)										
3		Noble County Board of Commissioners 101 North Orange Street Albion IN 46701 (Local Official)										
4		Noble County Health Department 2090 N. State Rd 9, Suite C Albion IN 46701-9566 (Health Department)										
5		Mr. Steve Christman NISWMD 2320 W 800 S, P.O. Box 370 Ashley IN 46705 (Affected Party)										
6		Frederick & Iva Moore 6019 W 650 N Ligonier IN 46767 (Affected Party)										
7		Ligonier City Council and Mayors Office 103 West Third Street Ligonier IN 46767 (Local Official)										
8												
9												
10												
11												
12												
13												
14												
15												

Total number of pieces Listed by Sender 6	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
---	--	--	--