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
MC 61-53 IGCN 1003
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant

DATE: June 29, 2007

RE: LEP Special Fasteners, Inc. / 023-24941-00029

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

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June 29, 2007

Mr. Gary L. Eagle
LEP Special Fasteners, Inc.
3281 West County Road 0 NS
Frankfort, IN 46041-6966

Re: Registration Notice-Only Change
No. R023-24941-00029

Dear Mr. Eagle:

TriMas Fasteners, Inc., was issued a Registration No. 023-16752-00029 on July 29, 2003, for a stationary ferrous, non-ferrous, and special alloy fasteners manufacturing plant located at 3281 West County Road 0 NS, Frankfort, Indiana 46041-6966, On June 18, 2007, the Office of Air Quality (OAQ) received a letter from the source requesting that the registration be updated to indicate a transfer of ownership and a company name change to LEP Special Fasteners, Inc. In addition, 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.

No new state or federal rules are applicable to this source. 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 Pam K. Way, at (800) 451-6027, press 0 and ask for extension 4-5373, or dial (317) 234-5373.

Sincerely,

Original signed by

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

NS/pkw

Attachment: Revised Registration

cc: File - Clinton County
Clinton County Health Department
Air Compliance Section – David Rice
Contract Management
Compliance Data Section
Permits Administration and Development
Billing, Licensing and Training Section – Dan Stamatkin
Permit Review Section 5 – Pam K. Way

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June 29, 2007

Mr. Gary L. Eagle
LEP Special Fasteners, Inc.
3281 West County Road 0 NS
Frankfort, IN 46041-6966

Re: Notice-Only Change No. R023-24941-00029
Registered Construction and Operation Status

Dear Mr. Eagle:

TriMas Fasteners, Inc., was issued a Registration No. 023-16752-00029 on July 29, 2003, for a stationary ferrous, non-ferrous, and special alloy fasteners manufacturing plant located at 3281 West County Road 0 NS, Frankfort, Indiana 46041-6966. On June 18, 2007, the Office of Air Quality (OAQ) received a letter from the source requesting that the registration be updated to indicate a transfer of ownership and a company name change to LEP Special Fasteners, Inc. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following stationary ferrous, non-ferrous, and special alloy fasteners manufacturing plant located at 3281 West County Road 0 NS, Frankfort, Indiana 46041-6966, is classified as registered:

(a) One (1) new Zinc Chromate Line with a maximum capacity of 4,000 pounds of steel screws/bolts per hour, controlled by a Packed Bed Fume Scrubber:

(1) One (1) natural gas-fired boiler, identified as Boiler 2, with a maximum heat input capacity of 2.65 million British thermal units per hour (mmBtu/hr); and

(2) One (1) Embrittlement Oven with a total heat input of 4.0 mmBtu/hr; Zone 1 - Dry off operation at 1.2 mmBtu/hr, Zone 2 - Preheat operation at 1.2 mmBtu/hr, and Zone 3 - Soak operation at 1.6 mmBtu/hr.

(b) One (1) new Furnace Line Y with a maximum capacity of 1,500 pounds of steel screws/bolts per hour:

(1) One (1) natural gas-fired Hardening Furnace (Heat Treat), identified as PR Y with a maximum heat input capacity of 1.554 mmBtu/hr;

(2) One(1) natural gas-fired Endothermic Gas Generator, identified as EN Y with a maximum heat input capacity of 0.25 mmBtu/hr;

(3) One (1) natural gas-fired Pre-Washer and Dryer, identified as PR Y with a maximum heat input capacity of 0.5 mmBtu/hr;

(4) One (1) natural gas-fired Post- Washer and Tempering Furnace, identified as PR/TEMP Y with a maximum heat input capacity of 1.5 mmBtu/hr; and

(5) One (1) Quench Tank, identified as QT-Y containing mineral quench oils, controlled by an Electrostatic Precipitator with gas flow rate of 3,800 actual cubic feet per minute (acfm) and an outlet grain loading of 0.0015 grains per dry standard cubic foot (gr/dscf).

(c) One (1) Zinc Phosphate Line with a maximum capacity of 15,000 pounds of steel screw/bolts per hour, controlled by a Packed Bed Scrubber:

(1) One (1) natural gas-fired boiler, identified as Boiler 1 with a maximum heat input capacity of 2.65 mmBtu/hr. This boiler was installed in 1997.

(d) One (1) Furnace Line 1 with a maximum capacity of 4,000 pounds of steel screws/bolts per hour:

(1) One (1) natural gas-fired Hardening Furnace (Heat Treat), identified as HT 1 with a maximum heat input capacity of 3.75 mmBtu/hr;

(2) One(1) natural gas-fired Endothermic Gas Generator, identified as EN 1 with a maximum heat input capacity of 1.55 mmBtu/hr;

(3) One (1) natural gas-fired Pre-Washer and Dryer, identified as PR 1 with a maximum heat input capacity of 1.3 mmBtu/hr;

(4) One (1) natural gas-fired Tempering Furnace, identified as TF 1 with a maximum heat input capacity of 2.6 mmBtu/hr;

(5) One (1) natural gas-fired Post-Washer and Dryer, identified as PS 1 with a maximum heat input capacity of 0.8 mmBtu/hr; and

(6) One (1) Quench Tank, identified as QT-1 containing mineral quench oils, controlled by an Electrostatic Precipitator with gas flow rate of 3,800 actual cubic feet per minute (acfm) and an outlet grain loading of 0.0015 grains per dry standard cubic foot (gr/dscf).

(e) One (1) Furnace Line 2 with a maximum capacity of 4,000 pounds of steel screws/bolts per hour:

(1) One (1) natural gas-fired Hardening Furnace (Heat Treat), identified as HT 2 with a maximum heat input capacity of 3.75 mmBtu/hr;

(2) One(1) natural gas-fired Endothermic Gas Generator, identified as EN 2 with a maximum heat input capacity of 1.55 mmBtu/hr;

(3) One (1) natural gas-fired Pre-Washer and Dryer, identified as PR 2 with a maximum heat input capacity of 1.3 mmBtu/hr;

(4) One (1) natural gas-fired Tempering Furnace, identified as TF 2 with a maximum heat input capacity of 2.6 mmBtu/hr;

(5) One (1) natural gas-fired Post-Washer and Dryer, identified as PS 2 with a maximum heat input capacity of 0.8 mmBtu/hr; and

(6) One (1) Quench Tank, identified as QT-2 containing mineral quench oils, controlled by an Electrostatic Precipitator with gas flow rate of 3,800 actual cubic feet per minute (acfm) and an outlet grain loading of 0.0015 grains per dry standard cubic foot (gr/dscf).

(f) One (1) Furnace Line 3 with a maximum capacity of 4,000 pounds of steel screws/bolts per hour:

(1) One (1) natural gas-fired Hardening Furnace (Heat Treat), identified as PR3 with a maximum heat input capacity of 6.8 mmBtu/hr;

(2) One(1) natural gas-fired Endothermic Gas Generator, identified as EN 3 with a maximum heat input capacity of 0.6 mmBtu/hr;

(3) One (1) natural gas-fired Pre-Washer and Dryer, identified as PR 3 with a maximum heat input capacity of 0.75 mmBtu/hr;

(4) One (1) natural gas-fired Post-Washer and Tempering Furnace, identified as PR/TEMP 3 with a maximum heat input capacity of 3.4 mmBtu/hr; and

(5) One (1) Quench Tank, identified as QT-3 containing mineral quench oils, controlled by an Electrostatic Precipitator with gas flow rate of 3,800 actual cubic feet per minute (acfm) and an outlet grain loading of 0.0015 grains per dry standard cubic foot (gr/dscf).

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 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 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 continuos opacity monitor in a six (6) hour period.

(b) Pursuant to 326 IAC 6-3-2, the Particulate emissions from the following equipment shall be limited 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:

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

Facility	Process Weight Rate (tons/hour)	Particulate Emissions Limit (pounds/hour)
Quench Oil Process Tank, QT-Y	0.75	3.38
Quench Oil Process Tank, QT-1	2.0	6.5
Quench Oil Process Tank, QT-2	2.0	6.5
Quench Oil Process Tank, QT-3	2.0	6.5

(c) Pursuant to 326 IAC 6-2-4 (Indirect Heating Units), the PM emissions from the existing Boiler 1 and proposed Boiler 2 shall each be limited to 0.6 pound per million Btu or an equivalent of 1.59 pound of PM per hour for each boiler.

(d) Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations (proposed degreaser, identified as PR Y, and existing degreasers, identified as PR 1, PR 2, and PR 3) constructed after January 1, 1980, the owner or operator shall:

(1) Equip the cleaner with a cover;

(2) Equip the cleaner with a facility for draining cleaned parts;

(3) Close the degreaser cover whenever parts are not being handled in the cleaner;

(4) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(5) Provide a permanent, conspicuous label summarizing the operation requirements;

(6) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

(e) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of the cold cleaner degreasers without remote solvent reservoirs (proposed degreaser, identified as PR Y, and existing degreasers, identified as PR 1, PR 2, and PR 3) located anywhere in the state of the types described in subdivision (1)(A) through (1)(C) of 326 IAC 8-2-1(b) and construction of which commenced after July 1, 1990, shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius ($38^{O}C$) (one hundred degrees Fahrenheit ($100^{O}F$));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius ($38^{O}C$) (one hundred degrees Fahrenheit ($100^{O}F$)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius ($38^{O}C$) (one hundred degrees Fahrenheit ($100^{O}F$)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius ($48.9^{O}C$) (one hundred twenty degrees Fahrenheit ($120^{O}F$)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(f) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of the cold cleaner degreasers without remote solvent reservoirs (proposed degreaser, identified as PR Y, and existing degreasers, identified as PR 1, PR 2, and PR 3) located anywhere in the state of the types described in subdivision (1)(A) through (1)(C) of 326 IAC 8-2-1(b) construction of which commenced after July 1, 1990 , shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

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 46204-2251

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

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

NS/pkw
cc: File - Clinton County
Clinton County Health Department
Air Compliance Section – David Rice
Compliance Data Section
Contract Management
Permits Administration and Development
Billing, Licensing and Training Section – Dan Stamatkin
Permit Review Section 5 – Pam K. Way

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:	**LEP Special Fasteners, Inc.**
Address:	**3281 West County Road 0 NS, Frankfort, Indiana 46041-6966**
Phone #:	**765-656-4330**
Registration No.:	**R023-24941-00029**

Certification by the Authorized Individual

I hereby certify that **LEP Special Fasteners, Inc.** is still in operation and is in compliance with the requirements of Registration No. **R023-24941-00029**.

Name (typed):
Title:
Signature:
Phone Number:
Date: