



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: January 22, 2007
RE: Witt Galvanizing – Plymouth / 099-24024-00081
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Registration

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 IC 4-21.5-3-4(d) this order is effective when it is served. When served by U.S. mail, the order is effective three (3) calendar days from the mailing of this notice pursuant to IC 4-21.5-3-2(e).

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 of 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
FN-REGIS.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

January 22, 2007

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

Mr. Timothy Harris
Witt Galvanizing - Plymouth.
4454 Steel Place
Cincinnati, Ohio 45209

Re: 099-24024-00081
First Notice-only Change to
Registered Operation Status
099-13617-00081

Dear Mr. Harris:

The operation of Witt Industries, Inc., Galvanizing Division, located at 14531 8 B Road, Plymouth, Indiana 46563, relating to a hot dip galvanizing plant with a maximum usage rate of 500 pounds of molten zinc per hour, was registered on February 21, 2001. An application was received on December 1, 2006 requesting a change in ownership and operating name. Based on the data submitted and the provisions in 326 IAC 2-5.5-6(c)(1) and (3), it has been determined that this plant which includes the following equipment will remain classified as registered:

- (a) One (1) caustic tank, which has a capacity of 14,000 gallons;
- (b) Five (5) hydrochloric acid pickling tanks (1, 2, 3, 4, & 5), each has a capacity of 14,000 gallons;
- (c) One (1) hydrochloric acid storage tank, which has a capacity of 5,000 gallons;
- (d) One (1) preflux tank, which has a capacity of 14,000 gallons;
- (e) One (1) zinc kettle, which has a capacity of 650,000 pounds of zinc;
- (f) One (1) natural gas-fired galvanizing kettle, which has a heat input capacity of 25 million Btu per hour (MMBtu/hr);
- (g) One (1) natural gas-fired galvanizing caustic burner, which has a heat input capacity of 0.0015 MMBtu/hr;
- (h) Galvanizing hot sticks, which has a heat input rated at 0.40 MMBtu/hr; and
- (i) Welding operations, one (1) Metal Inert Gas (MIG) welding, which has a maximum hourly rate of 1 pound per hour, and one (1) welding stick, which has capacity of 6.0 electrode per hour, and an oxyacetylene flame-cutting operation, rated at 20 feet per hour. Welding operations including the oxyacetylene flame-cutting operation are used for maintenance purposes.

The following conditions shall be applicable:

1. Opacity Limitations [326 IAC 5-1-2]

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 as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (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. Fugitive Dust Emissions [326 IAC 6-4]

The Permittee 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).

3. Particulate Matter Emission Limits [326 IAC 6-3]

Pursuant to 326 IAC 6-3 (Process Operations) the PM emissions from the following facilities shall be limited as follows:

| Process/Facility | Process Weight Rate (ton/hr) | Allowable PM Emissions (lb/hr) |
|------------------|------------------------------|--------------------------------|
| Galvanizing | 0.25 | 1.62 |
| Welding | 0.0014 < 0.05 | 0.551 |

This registration is a revised registration 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 2-5.5-4(a)(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.

Witt Galvanizing - Plymouth
Plymouth, Indiana
Reviewer: Aida De Guzman

First Notice-only Change 099-24024-00081
Changed by: Gary Freeman

Page 3 of 4
Registration 099-13617-00081

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 document signed by

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

IC/gkf

cc: File - Marshall County
Marshall County Health Department
Air Compliance - Rick Reynolds
Permit Review Section 4 – Gary Freeman
Billing, Licensing and Training Section
Compliance Data Section
IDEM Northern Regional Office

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

| | |
|-------------------------------|-----------------------------|
| Company Name: | Witt Galvanizing - Plymouth |
| Address: | 14531 8 B Road |
| City: | Plymouth, Indiana 46563 |
| Authorized individual: | Timothy Harris |
| Phone #: | (513) 871-5700 |
| Registration #: | 099-13617-00081 |
| | |

I hereby certify that Witt Galvanizing - Plymouth is still in operation and is in compliance with the requirements of Registration 099-13617-00081.

| |
|----------------------|
| Name (typed): |
| Title: |
| Signature: |
| Date: |

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Reregistered Operation Status, Notice-only Change

Source Background and Description

| | |
|--|---|
| Source Name: | Witt Galvanizing – Plymouth |
| Source Location: | 14531 8 B Road, Plymouth, Indiana 46563 |
| County: | Marshall |
| SIC Code: | (3479) |
| Operation Permit No.: | 099-13617-00081 |
| Operation Permit Issuance Date: | February 21, 2001 |
| Notice-only Change No.: | 099-24024-00081 |
| Permit Reviewer: | Gary Freeman |

The Office of Air Quality (OAQ) has reviewed an application from Witt Industries, Inc., Galvanizing Division relating to the construction and operation of a hot dip galvanizing plant with a maximum usage rate of 200 pounds of molten zinc per hour for the small kettle and 500 pounds per hour for the large kettle.

Permitted Emission Units and Pollution Control Equipment

No changes that would affect operations at the plant

Unpermitted Emission Units and Pollution Control Equipment

None

Justification for the Notice-only Change

The operation of Witt Industries, Inc. Galvanizing Division, located at 14531 8 B Road, Plymouth, Indiana 46563 relating to a hot dip galvanizing plant with a maximum usage rate of 500 pounds of molten zinc per hour, was Reregistered on February 21, 2001. An application was received December 1, 2006 requesting a change in ownership and operating name. AZZ incorporated purchased Witt Industries, Inc., Galvanizing Division and changed the operating name to **Witt Galvanizing – Plymouth**.

In addition some typographical changes were made to correct the mailing address for the Office of Air Quality. The authorized individual changed from ~~Mr. Timothy Harris~~ to **Mr. Tim Pendley**. Mr. Pendley meets the requirements of 326 IAC 2-1.1-1(1) as an authorized individual. These changes do not affect operations at the plant.

The following changes have been made to the Reregistration:

1. Opacity Limitations [326 IAC 5-1-2]
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 as determined in 326 IAC 5-1-4.

- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of ~~45~~ **fifteen (15)** minutes (~~sixty (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. 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 Reregistration 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
P.O. Box 6015
Indianapolis, IN ~~46206-6015~~ 46204-2251**

3.

| |
|---|
| 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: | Witt Industries, Inc., Galvanizing Division Witt Galvanizing - Plymouth |
| Address: | 14531 8 B Road |
| City: | Plymouth, Indiana 46563 |
| Authorized individual: | Timothy Harris Tim Pendley |
| Phone #: | (513) 871-5700 |
| Registration #: | 099-13617-00081 |

I hereby certify that ~~Witt Industries, Inc., Galvanizing Division~~ **Witt Galvanizing - Plymouth** is still in operation and is in compliance with the requirements of Reregistration 099-13617-00081.

| |
|----------------------|
| Name (typed): |
| Title: |
| Signature: |
| Date: |

4. An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Management (~~OAM~~) **Quality (OAQ)** if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Conclusion

The construction and operation of this hot dip galvanizing plant shall be subject to the conditions of the Reregistration Operation Status No. 099-13617-00081.