



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 12, 2007  
RE: Witt Galvanizing - Muncie / 035-24023-00037  
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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*Mitchell E. Daniels, Jr.*  
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100 North Senate Avenue  
Indianapolis, Indiana 46204-2251  
(317) 232-8603  
(800) 451-6027  
[www.IN.gov/idem](http://www.IN.gov/idem)

January 12, 2007

Mr. Bill Acra  
Witt Galvanizing – Muncie  
2415 S. Walnut Street  
Muncie, Indiana 47302

Re: 035-24023-00037  
First Notice-only Change to  
Registered Operation Status  
035-12966-00037

Dear Mr. Acra:

The operation of Witt Industries, Inc. Galvanizing Division, located at 2415 South Walnut Street, Muncie, Indiana relating to the hot dip galvanizing plant, with a maximum usage rate of 200 pounds of molten zinc per hour for the small kettle and 500 pounds of molten zinc per hour for the large kettle, which was registered on November 21, 2000. An application was received 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) large shop caustic tank, which has a capacity of 14,000 gallons;
- (b) One (1) small shop caustic tank, which has a capacity of 6,000 gallons;
- (c) Five (5) large shop hydrochloric acid pickling tanks (1, 2, 3, 4, & 5), each has a capacity of 14,000 gallons;
- (d) One (1) hydrochloric acid storage tank, which has a capacity of 5,000 gallons;
- (e) Two (2) small shop hydrochloric acid pickle tanks, each has a capacity of 6,000 gallons;
- (f) One (1) large shop preflux tank, which has a capacity of 14,000 gallons;
- (g) One (1) large zinc kettle, which has a capacity of 650,000 pounds of zinc;
- (h) One (1) small zinc kettle, which has a capacity of 124,000 pounds of zinc;
- (i) One (1) natural gas-fired galvanizing kettle large shop, which has a heat input capacity of 25 million Btu per hour (MMBtu/hr);
- (j) One (1) natural gas-fired galvanizing kettle small shop, which has a heat input capacity of 12.48 MMBtu/hr;
- (k) One (1) natural gas-fired galvanizing large shop caustic burner, which has a heat input capacity of 0.0015 MMBtu/hr;
- (l) One (1) natural gas-fired galvanizing small shop caustic burner, which has a heat input capacity of 0.00018 MMBtu/hr;

- (m) Galvanizing large shop hot sticks, which has a heat input rated at 0.40 MMBtu/hr; and
- (n) 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, which is capable of cutting 2 inches of metal per minute. The 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 (Particulate Emission Limitations for manufacturing Processes) the PM emissions from the following facilities shall be limited as follows:

Process/Facility	Process Weight Rate (ton/hr)	Allowable PM Emissions (lb/hr)
Large Shop Galvanizing	3.75	9.9
Small Shop Galvanizing	1.6	5.6
Welding	0.00365 < 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 (OAQ) 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.

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

Iryn Calilung, Section Chief  
Permits Branch  
Office of Air Quality

IC/gkf

cc: File - Delaware County  
Delaware County Health Department  
Air Compliance – Marc Goldman  
Permit Review Section 4 – Gary Freeman  
Billing, Licensing and Training Section  
Compliance Data Section

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

<b>Company Name:</b>	Witt Galvanizing - Muncie
<b>Address:</b>	2415 South Walnut Street
<b>City:</b>	Muncie, Indiana 47302
<b>Authorized individual:</b>	Tim Pendley
<b>Phone #:</b>	(765) 289-3427
<b>Registration #:</b>	035-12966-00037

I hereby certify that Witt Galvanizing – Muncie is still in operation and is in compliance with the requirements of Registration 035-12966-00037.

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

# 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

<b>Source Name:</b>	Witt Galvanizing - Muncie
<b>Source Location:</b>	2415 S. Walnut Street, Muncie, Indiana 47302)
<b>County:</b>	Delaware
<b>SIC Code:</b>	(3479)
<b>Operation Permit No.:</b>	035-12966-00037
<b>Operation Permit Issuance Date:</b>	February 1, 2001
<b>Notice-only Change No.:</b>	035-24023-00037
<b>Permit Reviewer:</b>	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 2415 South Walnut Street, Muncie, Indiana relating to the hot dip galvanizing plant, with a maximum usage rate of 200 pounds of molten zinc per hour for the small kettle and 500 pounds of molten zinc per hour for the large kettle, was registered November 21, 2000. 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 – Muncie**.

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~~ **continuous** opacity monitor) in a six (6) hour period.
2. An authorized individual shall provide an annual notice to the Office of Air Management ~~Quality~~ **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 Management Quality  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, IN 46206-6015 46204-2251**

3.

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

<b>Company Name:</b>	<del>Witt Industries, Inc., Galvanizing Division</del> <b>Witt Galvanizing - Muncie</b>
<b>Address:</b>	2415 South Walnut Street
<b>City:</b>	Muncie, Indiana 47302
<b>Authorized individual:</b>	Timothy Harris <b>Tim Pendley</b>
<b>Phone #:</b>	<del>(513) 871-5700</del> <b>(765) 289-3427</b>
<b>Registration #:</b>	035-12966-00037

I hereby certify that ~~Witt Industries, Inc., Galvanizing Division~~ **Witt Galvanizing - Muncie** is still in operation and is in compliance with the requirements of Reregistration 035-12966-00037.

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

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. 035-12966-00037.