



# 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](http://www.idem.IN.gov)

TO: Interested Parties / Applicant

DATE: March 13, 2012

RE: AAA Galvanizing / 151-31482-00055

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

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Mr. Tom Ness

March 13, 2012

AAA Galvanizing-Hamilton  
7825 S Homestead Drive  
Hamilton, IN 46742

Re: 151-31482-00055  
First Notice Only Change to  
M151-23836-00055

Dear Mr. Ness:

AAA Galvanizing-Hamilton was issued a MSOP No. 151-23836-00055 on July 5, 2007 for a stationary hot-dip galvanization plant. On February 3, 2012, the Office of Air Quality (OAQ) received an application from the source relating to the construction and operation of a new 58' galvanizing kettle and two (2) HCL tanks that are of the same type as the other permitted existing galvanizing kettles and HCL tanks. The new 58' galvanizing kettle will comply with the same applicable requirements and permit terms and conditions as the existing kettles, but will not cause the source's potential to emit to be greater than the threshold levels specified in 326 IAC 2-2 or 326 IAC 2-3. The uncontrolled/unlimited potential to emit of the entire source will continue to be less than the threshold levels specified in 326 IAC 2-7 (see Appendix A for calculations). Even though the PM, PM10 and PM2.5 PTE of the 58' galvanizing kettle is greater than 25 tons per year, the addition of the new 58' galvanizing kettle to the permit is considered a notice-only change pursuant to 326 IAC 2-6.1-6(d)(13).

The following requirements shall apply to this permit notice-only change:

#### New Source performance Standards (NSPS)

There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit for this notice only change.

#### National Emissions Standards for Hazardous Air Pollutant (NESHAP)

There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) included for this notice only change.

#### State Rules Applicability:

##### 58' Galvanizing Kettle

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)  
Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the 58' galvanizing kettle shall not exceed 34.48 pounds per hour when operating at a process weight rate of 24 tons per hour. The pound per hour limitation was calculated with the following equation:

Interpolation 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 = process weight rate in tons per hour

Based on calculations, a control device is not needed to comply with this limit.

There are no 326 IAC 8 Rules that are applicable to the unit.

Pursuant to the provisions of 326 IAC 2-6.1-6, the permit is hereby revised as follows with the deleted language as ~~strikeouts~~ and new language **bolded**.

#### A.2 Emission Units and Pollution Control Equipment Summary

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

- (a) One (1) natural gas-fired heater, constructed in 2001, rated at 0.2 MMBtu/hr venting to the atmosphere.
- (b) Four (4) natural gas-fired heaters (H1-H4), constructed in 2001, each rated at 1.5 MMBtu/hr venting to the atmosphere.
- (c) **Eight (8) natural gas-fired heaters (H5-H12), approved for construction in 2012, each rated at 1.5 MMBtu/hr, exhausting through stck 3, to the outside.**
- ~~(e)~~(d) One (1) galvanizing kettle (Kettle 45'), permitted to be constructed in 2007, with a maximum process rate of 30,000 lbs/hr, and exhausting to the atmosphere.
- ~~(d)~~(e) One (1) galvanizing kettle (Kettle 23'), permitted to be constructed in 2007, with a maximum process rate of 20,000 lbs/hr, and exhausting to the atmosphere.
- (f) **One (1) galvanizing kettle (Kettle 58'), approved for construction in 2012, with a maximum process rate of 48,000 lbs/hr, and exhausting to the outside.**
- ~~(e)~~(g) ~~Eight (8)~~ **Ten (10)** hydrochloric acid tanks, ~~eight (8) permitted to be constructed in 2007~~ **and two (2) approved for construction in 2012**, and exhausting indoors.
- ~~(f)~~(h) Four (4) natural gas-fired heaters, permitted to be constructed in 2007, each rated at 1.2 MMBtu/hr venting to the atmosphere.
- ~~(g)~~(i) Two (2) natural gas-fired generators, permitted to be constructed in 2007, rated at 1.35 MMBtu/hr and 2.0 MMBtu/hr respectively, venting to the atmosphere.
- ~~(h)~~(j) Six (6) hydrochloric acid tanks, constructed in 2001, and exhausting indoors.

#### SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

##### Emissions Unit Description:

- ~~(e)~~(d) One (1) galvanizing kettle (Kettle 45'), permitted to be constructed in 2007, with a maximum process rate of 30,000 lbs/hr, and exhausting to the atmosphere.
- ~~(d)~~(e) One (1) galvanizing kettle (Kettle 23'), permitted to be constructed in 2007, with a maximum process rate of 20,000 lbs/hr, and exhausting to the atmosphere.
- (f) **One (1) galvanizing kettle (Kettle 58'), approved for construction in 2012, with a maximum process rate of 48,000 lbs/hr, and exhausting to the outside.**

information and does not constitute enforceable conditions.)

**Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]**

**D.1.1 Particulate [326 IAC 6-3-2]**

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the galvanizing kettle (Kettle 45') shall not exceed 25.2 pounds per hour when operating at a process weight rate of 15.0 tons per hour. The galvanizing kettle (Kettle 23') shall not exceed 19.2 pounds per hour when operating at a process weight rate of 10.0 tons per hour. **the processes listed in the table below shall not exceed the following:**

Emission Unit	Process Weight Rate (tons/hr)	Allowable PM Limit (lbs/hr)
23' Kettle	10.0	19.2
45' Kettle	15.0	25.2
58' Kettle	24.0	34.48

The pounds per hour limitation is calculated using the following equation:

Interpolation of the data for the process weight rate up to 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

All other conditions of the permit shall remain unchanged and in effect. Attached please find the entire revised permit.

A copy of the permit 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](http://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 Bruce Farrar, of my staff, at 317-234-5401 or 1-800-451-6027, and ask for extension 4-5401.

Sincerely,   
Iryn Calilung, Section Chief  
Permits Branch  
Office of Air Quality

Attachments: Updated Permit, Attachment A (PTE Calculations)

IC/bf

cc: File – Steuben County  
Steuben County Health Department  
U.S. EPA, Region V  
Compliance and Enforcement Branch  
Billing, Licensing and Training Section



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## New Source Review and Minor Source Operating Permit OFFICE OF AIR QUALITY

**AAA Galvanizing-Hamilton  
7825 S. Homestead Drive  
Hamilton, Indiana 46742**

(herein known as the Permittee) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-5.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a MSOP under 326 IAC 2-6.1.

Operation Permit No.: M151-23836-00055	
Original signed by:  Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: July 5, 2007  Expiration Date: July 5, 2012

First Significant Permit Revision No.: 151-26788-00055, issued on November, 26, 2008

First Notice-Only Change No.: 151-31482-00055	
Issued by:  Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: March 13, 2012  Expiration Date: July 5, 2012

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## SECTION A SOURCE SUMMARY

This permit 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 Permittee 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 Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-5.1-3(c)][326 IAC 2-6.1-4(a)]

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The Permittee owns and operates a stationary hot-dip galvanization plant.

Source Address:	7825 S. Homestead Drive, Hamilton, Indiana 46742
Mailing Address:	625 Mills Road, Joliet, IL 60433
General Source Phone Number:	(815) 723-5000
SIC Code:	3479
County Location:	Steuben
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Program Minor Source, under PSD Rules Minor Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

### A.2 Emission Units and Pollution Control Equipment Summary

---

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

- (a) One (1) natural gas-fired heater, constructed in 2001, rated at 0.2 MMBtu/hr venting to the atmosphere.
- (b) Four (4) natural gas-fired heaters (H1-H4), constructed in 2001, each rated at 1.5 MMBtu/hr venting to the atmosphere.
- (c) Eight (8) natural gas-fired heaters (H5-H12), approved for construction in 2012, each rated at 1.5 MMBtu/hr, exhausting through stack 3, to the outside.
- (d) One (1) galvanizing kettle (Kettle 45'), permitted to be constructed in 2007, with a maximum process rate of 30,000 lbs/hr, and exhausting to the atmosphere.
- (e) One (1) galvanizing kettle (Kettle 23'), permitted to be constructed in 2007, with a maximum process rate of 20,000 lbs/hr, and exhausting to the atmosphere.
- (f) One (1) galvanizing kettle (Kettle 58'), approved for construction in 2012, with a maximum process rate of 48,000 lbs/hr, and exhausting to the outside.
- (g) Ten (10) hydrochloric acid tanks, eight (8) constructed in 2007 and two (2) approved for construction in 2012, and exhausting indoors.
- (h) Four (4) natural gas-fired heaters, permitted to be constructed in 2007, each rated at 1.2 MMBtu/hr venting to the atmosphere.
- (i) Two (2) natural gas-fired generators, permitted to be constructed in 2007, rated at 1.35 MMBtu/hr and 2.0 MMBtu/hr respectively, venting to the atmosphere.
- (j) Six (6) hydrochloric acid tanks, constructed in 2001, and exhausting indoors.

## **SECTION B GENERAL CONDITIONS**

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

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Terms in this permit 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 Revocation of Permits [326 IAC 2-1.1-9(5)]**

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Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

### **B.3 Affidavit of Construction [326 IAC 2-5.1-3(h)] [326 IAC 2-5.1-4]**

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This document shall also become the approval to operate pursuant to 326 IAC 2-5.1-4 when prior to the start of operation, the following requirements are met:

- (a) The attached Affidavit of Construction shall be submitted to the Office of Air Quality (OAQ), verifying that the emission units were constructed as proposed in the application or the permit. The emission units covered in this permit may begin operating on the date the Affidavit of Construction is postmarked or hand delivered to IDEM if constructed as proposed.
- (b) If actual construction of the emission units differs from the construction proposed in the application, the source may not begin operation until the permit has been revised pursuant to 326 IAC 2 and an Operation Permit Validation Letter is issued.
- (c) The Permittee shall attach the Operation Permit Validation Letter received from the Office of Air Quality (OAQ) to this permit.

### **B.4 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]**

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- (a) This permit, M151-23836-00055, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

### **B.5 Term of Conditions [326 IAC 2-1.1-9.5]**

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Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

### **B.6 Enforceability**

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Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

**B.7 Severability**

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The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

**B.8 Property Rights or Exclusive Privilege**

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This permit does not convey any property rights of any sort or any exclusive privilege.

**B.9 Duty to Provide Information**

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- (a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

**B.10 Certification**

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- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an "authorized individual" of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

**B.11 Annual Notification [326 IAC 2-6.1-5(a)(5)]**

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- (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 permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:  
  
Compliance Branch, Office of Air Quality  
Indiana Department of Environmental Management  
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.12 Preventive Maintenance Plan [326 IAC 1-6-3]**

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) for the source as described in 326

IAC 1-6-2. At a minimum, the PMPs shall include:

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M151-23836-00055 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 permit.

B.14 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least ninety (90) days prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.15 Permit Renewal [326 IAC 2-6.1-7]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue

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

- (b) A timely renewal application is one that is:
- (1) Submitted at least ninety (90) days prior to the date of the expiration of this permit; and
  - (2) 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.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-6.1 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.16 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)][326 IAC 2-6.1-6]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251
- Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 IAC 2-6.1-6(d)]

B.17 Source Modification Requirement

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.18 Inspection and Entry  
[326 IAC 2-5.1-3(e)(4)(B)][326 IAC 2-6.1-5(a)(4)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

**B.19 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement notice-only changes addressed in the request for a notice-only change immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

**B.20 Annual Fee Payment [326 IAC 2-1.1-7]**

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- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

**B.21 Credible Evidence [326 IAC 1-1-6]**

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For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

## SECTION C SOURCE OPERATION CONDITIONS

Entire Source

### Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

#### C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

#### C.2 Permit Revocation [326 IAC 2-1.1-9]

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

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (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 permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.

#### C.3 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 permit:

- (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 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.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

#### C.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

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

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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).

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

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- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
- (A) Asbestos removal or demolition start date;
- (B) Removal or demolition contractor; or
- (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-52 IGCN 1003  
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (e) Procedures for Asbestos Emission Control  
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

- (f) Demolition and Renovation  
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) Indiana Accredited Asbestos Inspector  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

### **Testing Requirements [326 IAC 2-6.1-5(a)(2)]**

#### **C.8 Performance Testing [326 IAC 3-6]**

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- (a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

### **Compliance Requirements [326 IAC 2-1.1-11]**

#### **C.9 Compliance Requirements [326 IAC 2-1.1-11]**

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The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

### **Compliance Monitoring Requirements [326 IAC 2-6.1-5(a)(2)]**

#### **C.10 Compliance Monitoring [326 IAC 2-1.1-11]**

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Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required

monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

**C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]**

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Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

**C.12 Instrument Specifications [326 IAC 2-1.1-11]**

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- (a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.
- (b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

**Corrective Actions and Response Steps**

**C.13 Actions Related to Noncompliance Demonstrated by a Stack Test**

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- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

**Record Keeping and Reporting Requirements [326 IAC 2-6.1-5(a)(2)]**

**C.14 Malfunctions Report [326 IAC 1-6-2]**

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Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as

practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.

- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.15 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.16 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

- (a) Reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit 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.
- (c) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

## SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

### Emissions Unit Description:

- (d) One (1) galvanizing kettle (Kettle 45'), permitted to be constructed in 2007, with a maximum process rate of 30,000 lbs/hr, and exhausting to the atmosphere.
- (e) One (1) galvanizing kettle (Kettle 23'), permitted to be constructed in 2007, with a maximum process rate of 20,000 lbs/hr, and exhausting to the atmosphere.
- (f) One (1) galvanizing kettle (Kettle 58'), approved for construction in 2012, with a maximum process rate of 48,000 lbs/hr, and exhausting to the outside.

(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 2-6.1-5(a)(1)]

#### D.1.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from **the processes listed in the table below shall not exceed the following:**

Emission Unit	Process Weight Rate (tons/hr)	Allowable PM Limit (lbs/hr)
23' Kettle	10.0	19.2
45' Kettle	15.0	25.2
58' Kettle	24.0	34.48

The pounds per hour limitation is calculated using the following equation:

Interpolation of the data for the process weight rate up to 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

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

**MINOR SOURCE OPERATING PERMIT  
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

<b>Company Name:</b>	AAA Galvanizing-Hamilton
<b>Address:</b>	7825 S. Homestead Drive
<b>City:</b>	Hamilton, Indiana 46742
<b>Phone #:</b>	(815) 723-5000
<b>MSOP #:</b>	M151-23836-00055

I hereby certify that AAA Galvanizing-Hamilton  
is :

still in operation.

I hereby certify that AAA Galvanizing-Hamilton  
is :

no longer in operation.

in compliance with the requirements of  
MSOP M151-23836-00055.

not in compliance with the requirements of  
MSOP M151-23836-00055.

<b>Authorized Individual (typed):</b>
<b>Title:</b>
<b>Signature:</b>
<b>Date:</b>

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.

<b>Noncompliance:</b>

### MALFUNCTION REPORT

#### INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY FAX NUMBER - 317 233-6865

**This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6  
and to qualify for the exemption under 326 IAC 1-6-4.**

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?\_\_\_\_, 25 TONS/YEAR SULFUR DIOXIDE ?\_\_\_\_, 25 TONS/YEAR NITROGEN OXIDES?\_\_\_\_, 25 TONS/YEAR VOC ?\_\_\_\_, 25 TONS/YEAR HYDROGEN SULFIDE ?\_\_\_\_, 25 TONS/YEAR TOTAL REDUCED SULFUR ?\_\_\_\_, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?\_\_\_\_, 25 TONS/YEAR FLUORIDES ?\_\_\_\_, 100TONS/YEAR CARBON MONOXIDE ?\_\_\_\_, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?\_\_\_\_, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?\_\_\_\_, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?\_\_\_\_, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?\_\_\_\_. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION \_\_\_\_\_.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC \_\_\_\_\_ OR, PERMIT CONDITION # \_\_\_\_\_ AND/OR PERM LIMIT OF \_\_\_\_\_

THIS INCIDENT MEETS THE DEFINITION OF MALFUNCTION AS LISTED ON REVERSE SIDE ?    Y        N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ?    Y        N

COMPANY: \_\_\_\_\_ PHONE NO. (    ) \_\_\_\_\_  
LOCATION: (CITY AND COUNTY) \_\_\_\_\_  
PERMIT NO. \_\_\_\_\_ AFS PLANT ID: \_\_\_\_\_ AFS POINT ID: \_\_\_\_\_ INSP: \_\_\_\_\_  
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: \_\_\_\_\_

DATE/TIME MALFUNCTION STARTED: \_\_\_\_/\_\_\_\_/20\_\_\_\_    \_\_\_\_\_ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: \_\_\_\_\_

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE \_\_\_\_/\_\_\_\_/20\_\_\_\_    \_\_\_\_\_ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: \_\_\_\_\_

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: \_\_\_\_\_

MEASURES TAKEN TO MINIMIZE EMISSIONS: \_\_\_\_\_

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL\* SERVICES: \_\_\_\_\_

CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: \_\_\_\_\_

CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: \_\_\_\_\_

INTERIM CONTROL MEASURES: (IF APPLICABLE) \_\_\_\_\_

MALFUNCTION REPORTED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: \_\_\_\_\_ DATE: \_\_\_\_\_ TIME: \_\_\_\_\_

\*SEE PAGE 2

**Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.**

**326 IAC 1-6-1 Applicability of rule**

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

**326 IAC 1-2-39 "Malfunction" definition**

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

**\*Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

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## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

### MINOR SOURCE OPERATING PERMIT (MSOP) CERTIFICATION

Source Name: AAA Galvanizing-Hamilton  
Source Address: 7825 S Homestead Drive, Hamilton, IN 46742  
MSOP No.: 151-23836-00055

**This certification shall be included when submitting any application form, report, compliance monitoring, or other documents as required by the applicable requirements in this permit.**

Please check what document is being certified:

- Annual Compliance Certification Letter
- Test Result (specify)\_\_\_\_\_
- Report (specify)\_\_\_\_\_
- Notification (specify)\_\_\_\_\_
- Affidavit (specify)\_\_\_\_\_
- Other (specify)\_\_\_\_\_

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

Mail to: Permit Administration & Development Section  
Office of Air Quality  
100 North Senate Avenue

AAA Galvanizing-Hamilton  
7825 S. Homestead Drive,  
Hamilton, IN 46742

Affidavit of Construction

I, \_\_\_\_\_, being duly sworn upon my oath, depose and say:  
(Name of the Authorized Representative)

1. I live in \_\_\_\_\_ County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.
2. I hold the position of \_\_\_\_\_ for \_\_\_\_\_.  
(Title) (Company Name)
3. By virtue of my position with \_\_\_\_\_, I have personal  
(Company Name)  
knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of \_\_\_\_\_.  
(Company Name)
4. I hereby certify that AAA Galvanizing-Hamilton 7825 S. Homestead Drive, Hamilton, IN 46742 completed construction of the two (2) kettles and eight (8) acid dip tanks on \_\_\_\_\_ in conformity with the requirements and intent of the construction permit application received by the Office of Air Quality on October 31, 2006 and as permitted pursuant to New Source Construction Permit and Minor Source Operating Permit No. CP- 151-23836-00055, Plant ID No. 151-00055 issued on \_\_\_\_\_.

Further Affiant said not.

I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature \_\_\_\_\_

Date \_\_\_\_\_

STATE OF INDIANA)  
)SS

COUNTY OF \_\_\_\_\_ )

Subscribed and sworn to me, a notary public in and for \_\_\_\_\_ County and State of  
Indiana on this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_.

My Commission expires:

Signature \_\_\_\_\_

\_\_\_\_\_  
Name (typed or printed)

**Appendix A: Emissions Calculations  
Summary of Emissions**

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

Potential to Emit of Entire Source Before Modification (tons/yr)								
Process	PM	PM10	SO <sub>2</sub>	NOx	VOC	CO	Total HAPs	Single HAP
Kettles	32.85	32.85	-	-	-	-	0.026	0.026
Acid Tanks	-	-	-	-	-	-	4.76	4.76
Combustion	0.12	0.47	0.04	6.16	0.34	5.18	0.12	0.11
<b>Total</b>	<b>32.97</b>	<b>33.32</b>	<b>0.04</b>	<b>6.16</b>	<b>0.34</b>	<b>5.18</b>	<b>4.90</b>	

Potential to Emit of Change (tons/yr)										
Process	PM	PM10	PM2.5	SO <sub>2</sub>	NOx	VOC	CO	GHG as CO <sub>2</sub> e	Total HAPs	Single HAP
Kettle	31.54	31.54	31.54	-	-	-	-	-	0.025	0.025
Acid Tanks	-	-	-	-	-	-	-	-	2.06	2.06
Combustion	0.10	0.40	0.40	0.03	5.26	0.29	4.42	6,346	0.10	0.09
<b>Total</b>	<b>31.64</b>	<b>31.94</b>	<b>31.94</b>	<b>0.03</b>	<b>5.26</b>	<b>0.29</b>	<b>4.42</b>	<b>6,346</b>	<b>2.18</b>	

Potential to Emit of Entire Source after Issuance of Notice Oly Change (tons/yr)										
Process	PM	PM10	PM2.5	SO <sub>2</sub>	NOx	VOC	CO	GHG as CO <sub>2</sub> e	Total HAPs	Single HAP
Kettles	64.39	64.39	64.39	-	-	-	-	-	0.052	0.052
Acid Tanks	-	-	-	-	-	-	-	-	6.81	6.81
Combustion	0.22	0.87	0.87	0.07	11.42	0.63	9.59	13,785	0.22	0.21
<b>Total</b>	<b>64.60</b>	<b>65.25</b>	<b>65.25</b>	<b>0.07</b>	<b>11.42</b>	<b>0.63</b>	<b>9.59</b>	<b>13,785</b>	<b>7.08</b>	<b>&lt;10</b>

**Appendix A: Emission Calculations  
58' Galvanizing Kettle**

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

	Maximum Kettle Capacity (lbs/hr)	Maximum Operation (hrs/yr)	Maximum Zinc * Consumption (tons/yr)	Emission Factor (pounds of PM per ton of Zinc consumed)	Emission Factor (pounds of Cadmium per ton of Zinc consumed)	PTE of PM (lb/hr)	PTE of PM (tons/yr)	PTE of Cadmium (tons/yr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
Kettle 58'	48,000	8,760	12,614	5.00	4.00E-03	7.20	31.5	0.03	34.5
Total							<b>31.5</b>	<b>0.03</b>	

\* The amount of zinc coating used by the Permittee is 6% of the maximum kiln process weight. The emission factors have been taken from FIRE version 6.25 (SCC 3-04-008-05).

Allowable emissions under 326 IAC 6-3-2 are calculated using the equation where the process weight rate up to sixty thousand (60,000) pounds per hour:

$$E = 4.10 P^{0.67}$$

where

E = rate of emission in pounds per hour and

P = process weight rate in tons per hour

**Methodology**

Maximum Zinc Consumption (tons/yr) = Maximum Kettle Capacity (lbs/hr) x 8760 hrs/yr x 1 ton/2000 lbs x Zinc coating usage (6%)

Potential to Emit Particulate (lbs/hr) = Maximum Zinc Consumption (tons/yr) x Emission factor (5 lbs/ton of zinc used) x 1 yr/8760 hrs

Potential to Emit Particulate (tons/yr) = Maximum Zinc Consumption (tons/yr) x Emission factor (5 lbs/ton of zinc used) x 1 ton/2000 lbs

**Appendix A: Emission Calculations  
HCl Emissions from the Acid Tanks**

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

	Surface Area (ft <sup>2</sup> )	HCl Solution (%)	HCl Pickling Factor (lb/(hr-ft <sup>2</sup> tank-%HCl))	Emission Rate (lb/hr)	Potential HCl Emissions (tons/yr)
58' Kettle line HCl tanks	870	15	0.000036	0.47	2.06
Total					<b>2.06</b>

**Acid Tank Specifications**

	W (ft)	L (ft)	D (ft)	Surface Area (ft <sup>2</sup> )
<b>Two (2) hydrochloric acid tanks</b>				
HCL Tank #1	7.50	58	10.00	435
HCL Tank #2	7.50	58	10.00	435

**METHODOLOGY**

**HCl Emission Factor Before this Permit Revision:**

The HCl emission factor, which was used in MSOP No. 151-23836-00055 for determining the HCl PTE of the HCl tanks, was derived from a report of the tests conducted by the South Coast Air Quality Management District (SCAQMD) and Metal Finishing Association of Southern California (MFASC) with collaboration by the California Air Resource Board (CARB). This emission factor was not adjusted to account for the fact that the tanks HCl concentration are higher by 0.8% than the test concentration specified in the MFASC report.

**HCl Emission Factor for this Permit Revision:**

The HCl emission factor for this permit revision is based on the same source of information as specified above. However, the emission factor has been adjusted to account for the fact that the tanks HCl concentration are higher by 0.8% than the test concentration specified in the MFASC report. For details, please refer 'Description of Proposed Revision' section of this TSD.

Surface Area (ft<sup>2</sup>) = Length (ft) x Width (ft)

Potential HCl Emissions (tons/yr) = Emission Factor (lb/(hr-ft<sup>2</sup>tank-%HCl)) x Surface Area (ft<sup>2</sup>) \* HCl Solution (%) x 8760 hr/yr x 1 ton/2000 lbs

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

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr
12.0	1000	105.1

Emission Factor in lb/MMCF	Pollutant						
	PM*	PM10*	direct PM2.5*	SO2	NOx 100 **see below	VOC	CO
Potential Emission in tons/yr	0.1	0.4	0.4	0.0	5.3	0.3	4.4

\*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.  
 PM2.5 emission factor is filterable and condensable PM2.5 combined.  
 \*\*Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

**Methodology**

All emission factors are based on normal firing.  
 MMBtu = 1,000,000 Btu  
 MMCF = 1,000,000 Cubic Feet of Gas  
 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  
 Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu  
 Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See page 5 for HAPs emissions calculations.

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

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

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	1.104E-04	6.307E-05	3.942E-03	9.461E-02	1.787E-04

  

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	2.628E-05	5.782E-05	7.358E-05	1.997E-05	1.104E-04

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.  
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.  
 See Page 3 for Greenhouse Gas calculations.

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

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120,000	2.3	2.2
Potential Emission in tons/yr	6,307	0.1	0.1
Summed Potential Emissions in tons/yr	6,307		
CO2e Total in tons/yr	6,346		

**Methodology**

The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.  
Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.  
Global Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.  
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton  
CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).

**Appendix A: Emission Calculations  
Galvanizing Kettle**

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

	Maximum Kettle Capacity (lbs/hr)	Maximum Operation (hrs/yr)	Maximum Zinc * Consumption (tons/yr)	Emission Factor (pounds of PM per ton of Zinc consumed)	Emission Factor (pounds of Cadmium per ton of Zinc consumed)	PTE of PM (lb/hr)	PTE of PM (tons/yr)	PTE of Cadmium (tons/yr)	326 IAC 6-3-2 Allowable PM Emissions (lbs/hr)
Kettle 45'	30,000	8,760	7,884	5.00	4.00E-03	4.50	19.7	0.02	25.2
Kettle 23'	20,000	8,760	5,256	5.00	4.00E-03	3.00	13.1	0.01	19.2
Total							<b>32.9</b>	<b>0.03</b>	

\* The amount of zinc coating used by the Permittee is 6% of the maximum kiln process weight. The emission factors have been taken from FIRE version 6.25 (SCC 3-04-008-05).

Allowable emissions under 326 IAC 6-3-2 are calculated using the equation where the process weight rate up to sixty thousand (60,000) pounds per hour:

$$E = 4.10 P^{0.67}$$

where

E = rate of emission in pounds per hour and

P = process weight rate in tons per hour

**Methodology**

Maximum Zinc Consumption (tons/yr) = Maximum Kettle Capacity (lbs/hr) x 8760 hrs/yr x 1 ton/2000 lbs x Zinc coating usage (6%)

Potential to Emit Particulate (lbs/hr) = Maximum Zinc Consumption (tons/yr) x Emission factor (5 lbs/ton of zinc used) x 1 yr/8760 hrs

Potential to Emit Particulate (tons/yr) = Maximum Zinc Consumption (tons/yr) x Emission factor (5 lbs/ton of zinc used) x 1 ton/2000 lbs

**Appendix A: Emission Calculations  
HCl Emissions from the Acid Tank**

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

HCl Pickling Factor (lb/(hr-ft<sup>2</sup> tank-%HCl))      0.00003 (a)  
HCl Solution (%)      14

	Surface Area (ft <sup>2</sup> )	Emission Rate (lb/hr)	Max HCl Emissions (tons/yr)
23' Kettle	966	0.41	1.78
45' Kettle	1,620	0.68	2.98
Total			4.76

**Acid Tank Specifications**

	W (ft)	L (ft)	D (ft)	Surface Area (ft <sup>2</sup> )
<b>23' Kettle</b>				
Acid Tank #3	7	23	5	161
Acid Tank #4	7	23	5	161
Acid Tank #5	7	23	5	161
Acid Tank #6	7	23	5	161
Acid Tank #7	7	23	5	161
Acid Tank #8	7	23	5	161
<b>45' Kettle</b>				
Acid Tank #3	6	24	13	144
Acid Tank #4	6	24	13	144
Acid Tank #5	6	50	13	300
Acid Tank #8	6	24	13	144
Acid Tank #9	6	24	13	144
Acid Tank #10	6	24	13	144
Acid Tank #12	6	50	12.5	300
Acid Tank #13	6	50	12.5	300

(a) HCl emissions are based on "Emission Factors for Toxic Air Contaminants of Concern to the Metal Finishing Industry," April, 1999. published by the Metal Finishing Association of Southern California (MFASC). Factors were developed from stack testing results conducted in California's South Coast Air Quality Management District (SCAQMD).

**Methodology**

Surface Area (ft<sup>2</sup>) = Length (ft) x Width (ft)

PTE of HCl (tons/yr) = Emission Factor (lb/(hr-ft<sup>2</sup> tank-%HCl)) x Surface Area (ft<sup>2</sup>) \* HCl Solution (%) x 8760 hr/yr x 1 ton/2000 lbs

**Appendix A: Emission Calculations  
Natural Gas Combustion Only  
MM BTU/HR <100**

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

Heat Input Capacity  
MMBtu/hr  
14.4

Potential Throughput  
MMSCF/yr  
123.2

	Pollutant					
	PM*	PM10*	SO <sub>2</sub>	NOx	VOC	CO
Emission Factor (lb/MMSCF)	1.90	7.60	0.60	100	5.50	84.0
Potential to Emit (tons/yr)	0.12	0.47	0.04	6.16	0.34	5.18

\*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM combined.

\*\*Emission factor for NOx (Uncontrolled) = 100 lb/MMSCF

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 (July 1998).

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMSCF = 1,000,000 Standard Cubic Feet of Gas

**Methodology**

Potential Throughput (MMSCF/yr) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMSCF/1,020 MMBtu

Potential to Emit (tons/yr) = Potential Throughput (MMSCF/yr) x Emission Factor (lb/MMSCF)/2,000 lb/ton

**Appendix A: Emission Calculations  
HAPs Emissions from Natural Gas Combustion  
MM BTU/HR <100**

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

HAPs - Organics

Emission Factor (lb/MMSCF)	Benzene 2.10E-03	Dichlorobenzene 1.20E-03	Formaldehyde 7.50E-02	Hexane 1.80E+00	Toluene 3.40E-03
Potential to Emit (tons/yr)	1.29E-04	7.39E-05	4.62E-03	1.11E-01	2.10E-04

HAPs - Metals

Emission Factor (lb/MMSCF)	Lead 5.00E-04	Cadmium 1.10E-03	Chromium 1.40E-03	Manganese 3.80E-04	Nickel 2.10E-03
Potential to Emit (tons/yr)	3.08E-05	6.78E-05	8.63E-05	2.34E-05	1.29E-04

Methodology is the same as page 9.

The five highest organic and metal HAPs emission factors provided above are from AP-42, Chapter 1.4, Table 1.4-3 and 1.4-4 (July, 1998). Additional HAPs emission factors are available in AP-42, Chapter 1.4.

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

**Company Name:** AAA Galvanizing of Hamilton, IN Inc.  
**Address:** 7825 S. Homestead Dr, Hamilton, IN 46742  
**Registration NOC:** 151-31482-00055  
**Plant ID:** 151-00055  
**Reviewer:** Bruce Farrar  
**Date:** February 13, 2012

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120,000	2.3	2.2
Potential Emission in tons/yr	7,394	0.1	0.1
Summed Potential Emissions in tons/yr	7,395		
CO2e Total in tons/yr	7,439		

**Methodology**

The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.

Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.

Global Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O Potential Emission ton/yr x N2O GWP (310).



# 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](http://www.idem.IN.gov)

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

TO: Tom Ness  
AAA Galvanizing of Hamilton, IN Inc.  
7825 S Homestead Drive  
Hamilton, IN 46742

DATE: March 13, 2012

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

SUBJECT: Final Decision  
Notice Only  
151-31482-00055

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:  
Tim Pendley Senior VP and CEO  
Frank Gaudet, PE, Consultant  
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](mailto:jbrush@idem.IN.gov).

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	DPABST 3/13/2012 AAA Galvanizing of Hamilton, IN Inc. 151-31482-00055 (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:  <b>CERTIFICATE OF MAILING ONLY</b>	

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		Tom Ness AAA Galvanizing of Hamilton, IN Inc. 7825 S Homestead Dr Hamilton IN 46742 (Source CAATS) (CONFIRM DELIVERY)										
2		Tim Pendley Sr VP & COO - Galvanizing Svcs Div AAA Galvanizing of Hamilton, IN Inc. 3100 W 7th St, #500 Ft Worth TX 76107 (RO CAATS)										
3		Steuben County Board of Commissioners 317 S Wayne Suite 2H Angola IN 46703 (Local Official)										
4		Steuben County Health Department 317 S. Wayne St, Community Center Suite 3-A Angola IN 46703-1938 (Health Department)										
5		Mr. Steve Christman NISWMD 2320 W 800 S, P.O. Box 370 Ashley IN 46705 (Affected Party)										
6		Mr. Diane Hanson 490 E 300 N Angola IN 46703 (Affected Party)										
7		Niann Lautzenhiser 660 LN 210 Hamilton LK Hamilton IN 46742 (Affected Party)										
8		Hamilton Town Council 7750 S Wayne Street Hamilton IN 46742 (Local Official)										
9		Orland Town Council P.O. Box 445 Orland IN 46776 (Local Official)										
10		Gregory Geise 1440 Lane 210 Hamilton Lake Hamilton IN 46742 (Affected Party)										
11		6035 N SR 327 Orland IN 46776 (Local Official)										
12		Frank Gaudet, P.E. 3100 W 7th Street #500 Fort Worth TX 76107 (Consultant)										
13												
14												
15												

Total number of pieces Listed by Sender	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 <b>Domestic Mail Manual R900, S913, and S921</b> for limitations of coverage on injured and COD mail. See <b>International Mail Manual</b> for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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