



# 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: April 5, 2011

RE: Emerson Power Transmission / 181-30361-00030

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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April 5, 2011

Mr. Keith Tolen  
Emerson Power Transmission McGill Manufacturing Co.  
705 North 6<sup>th</sup> Street  
Monticello, IN 47960

Re: 181-30361-00030  
First Registration Notice-Only Change to  
Registration No. 181-25389-00030

Dear Mr. Tolen:

Emerson Power Transmission McGill Manufacturing Co was issued a Registration No. 181-25389-00030 on March 10, 2008 for a stationary cam roller manufacturing plant located at 705 North 6<sup>th</sup> Street, Monticello, IN 47960. On March 3, 2011, the Office of Air Quality (OAQ) received an application from the source requesting to remove the Lindberg Quench Furnace F0340, Lindberg Quench Furnace F0496, and natural gas-fired washer, since they have been taken out of service. The application also requested to add the following units to the registration:

- (1) A Super Allcase Quench Furnace F3212 rate at 1.468 MMBtu/hr
- (2) A Dow Quench Furnace F0058 rated at 1.2 MMBtu/hr
- (3) An Endothermic Generator 3216 rated at 4.0 MMBtu/hr (This unit is to produce gas)
- (4) A Super Allcase Draw 3213 rated at 2.0 MMBtu/hr. (This is a tempering oven)
- (5) Three Natural Gas-Fired Salt Draw Pots rate at a total of 3.0 MMBtu/hr. (This is a tempering oven)
- (6) A Natural Gas-Fired Wash Pot rate at 1.0 MMBtu/hr (Pot contains soap water, no VOC)

The addition of the above units to the registration is considered a notice-only change, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified in 326 IAC 2-5.5-6(d)(12). The uncontrolled/unlimited potential to emit of the entire source will continue to be within the threshold levels specified in 326 IAC 2-5.5-1(b)(1).

Pursuant to 326 IAC 2-5.5-6, the registration is hereby revised as follows, with deleted language as ~~strikeouts~~ and new language **bolded**:

- (1) Section A.2 - Emission Units and Pollution Control Equipment Summary and Section D.1 - Facility Description have been revised as follows:

## 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) Lindeburg Quench Furnace, identified as F 0340, fueled by natural gas, constructed in 1979, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F0340.~~  
**One (1) Dow Quench Furnace, identified as F0058, approved for construction in 2011, with a heat input capacity of 1.2 MMBtu/hr and venting to stack F0058.**
- (b) One (1) Holcraft Quench Furnace, identified as F1606, fueled by natural gas, constructed in 1982, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F1606.
- (c) ~~One (1) Lindeburg Quench Furnace, identified as F0496, fueled by natural gas, constructed in 2006, with a heat input capacity of 4.0 MMBtu/hr and venting to stack F0496.~~

- One (1) Super Allcase Quench Furnace, identified as F3212, approved for construction in 2011, with a heat input capacity of 1.468 MMBtu/hr and venting to stack F3212.**
- (d) One (1) Lindeburg Draw Oven, identified as F0957, fueled by natural gas, constructed in 2006, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F0957.
  - (e) ~~One (1) natural gas-fired washer, with a capacity of 0.225 MMBtu/hr.~~  
**One (1) Natural Gas Fired Wash Pot, containing soap without VOC, approved for construction in 2011, with a maximum capacity rate of 1.0 MMBtu/hr, and venting to stack Wash Pot.**
  - (f) ~~Twenty-four (24) natural gas-fired space heaters, with a total maximum capacity of 6.7~~ **18.164** MMBtu/hr.
  - (g) Seven (7) metal surface treatment units/metal machining operations.
  - (h) One (1) black oxide dip coating process line.
  - (i) **One (1) Super Allcase Tempering Draw Oven, identified as 3213, approved for construction in 2011, with a heat input capacity of 2.0 MMBtu/hr and venting to stack 3213.**
  - (j) **Three (3) Natural Gas Fired Salt Tempering Draw Pots, approved for construction in 2011, with a total capacity rate of 3.0 MMBtu/hr and venting to a stack Salt Draw Pot.**
  - (k) **One (1) Endothermic Generator, identified as 3216, approved for construction in 2011, with a heat input capacity of 4.0 MMBtu/hr and venting to stack 3216.**

[ All units do not have any control devices]

SECTION D.1

OPERATION CONDITIONS

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

- (a) ~~One (1) Lindeburg Quench Furnace, identified as F 0340, fueled by natural gas, constructed in 1979, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F0340.~~  
**One (1) Dow Quench Furnace, identified as F0058, approved for construction in 2011, with a heat input capacity of 1.2 MMBtu/hr and venting to stack F0058.**
- (b) One (1) Holcraft Quench Furnace, identified as F1606, fueled by natural gas, constructed in 1982, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F1606.
- (c) ~~One (1) Lindeburg Quench Furnace, identified as F0496, fueled by natural gas, constructed in 2006, with a heat input capacity of 4.0 MMBtu/hr and venting to stack F0496.~~  
**One (1) Super Allcase Quench Furnace, identified as F3212, approved for construction in 2011, with a heat input capacity of 1.468 MMBtu/hr and venting to stack F3212.**
- (d) One (1) Lindeburg Draw Oven, identified as F0957, fueled by natural gas, constructed in 2006, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F0957.
- (e) ~~One (1) natural gas-fired washer, with a capacity of 0.225 MMBtu/hr.~~  
**One (1) Natural Gas Fired Wash Pot, containing soap without VOC, approved for construction in 2011, with a maximum capacity rate of 1.0 MMBtu/hr, and venting to stack Wash Pot.**

- (f) Twenty-four (24) natural gas-fired space heaters, with a total maximum capacity of ~~6.7~~ **18.164** MMBtu/hr.
- (g) Seven (7) metal surface treatment units/metal machining operations.
- (h) One (1) black oxide dip coating process line.
- (i) **One (1) Super Allcase Tempering Draw Oven, identified as 3213, approved for construction in 2011, with a heat input capacity of 2.0 MMBtu/hr and venting to stack 3213.**
- (j) **Three (3) Natural Gas Fired Salt Tempering Draw Pots, approved for construction in 2011, with a total capacity rate of 3.0 MMBtu/hr and venting to a stack Salt Draw Pot.**
- (k) **One (1) Endothermic Generator, identified as 3216, approved for construction in 2011, with a heat input capacity of 4.0 MMBtu/hr and venting to stack 3216.**

**[ All units do not have any control devices]**

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

- (2) The Preventive Maintenance Plan is applicable to the registration sources; therefore, the requirements of 326 IAC 1-6-3 have been added to Section B. 8 as follows:

**B.8 Preventive Maintenance Plan [326 IAC 1-6-3]**

- (a) **If required by specific condition in Section D of this registration, the Registrant shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this registration or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:**
  - (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.**

**If, due to circumstances beyond the Registrant's control, the PMPs cannot be prepared and maintained within the above time frame, the Registrant may extend the date an additional ninety (90) days provided the Registrant notifies:**

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

**The Registrant shall implement the PMPs.**

- (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 Registrant to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions.**
  - (c) **To the extent the Registrant is required by 40 CFR Part 60 or 40 CFR Part 63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such OMM Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.**
- (3) The Preventive Maintenance Plan requirements are applicable to the source since this source is a Registration Source, therefore, the PMP (326 IAC 1-6-3) has been added to the D.1.1 as follows:

**D.1.1 Preventive Maintenance Plan [326 IAC 1-6-3]**

**A Preventive Maintenance Plan is required for this facility. Section B - Preventive Maintenance Plan contains the Registrant's obligation with regard to the preventive maintenance plan required by this condition.**

- (4) IDEM, OAQ has decided to make additional revisions to the registration as described below. The registration has been revised as follows with deleted language as ~~strikeouts~~ and new language **bolded**:
- (a) IDEM, OAQ has decided to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address. Section A.1 of the registration and the reporting forms has been revised as follows:  
  
Mailing Address: ~~\_\_\_\_\_ 705 North 6<sup>th</sup> Street, Monticello, IN 47960~~
  - (b) Several of IDEM's branches and sections have been renamed. Therefore, IDEM has updated the addresses listed in the registration. References to "Compliance Data Section" and "Compliance Branch" have been changed to "Compliance and Enforcement Branch". The registration has been revised as follows:

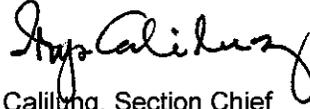
~~Compliance Data Section~~ **Compliance and Enforcement Branch**  
~~Compliance Branch~~ **Compliance and Enforcement Branch**

There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) or National Emission standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 20 and 40 CFR Part 61, 63) included in this notice-only change.

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration. A copy of the registration is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: [www.idem.in.gov](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 Ms. Renee Traivaranon, at (800) 451-6027,  
press 0 and ask for extension 4-5615, or dial (317) 234-5615.

Sincerely,



Iryn Calilang, Section Chief  
Permits Branch  
Office of Air Quality

IC/rt

Attachment: Updated Registration  
Attachment A  
Notice of Decision

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



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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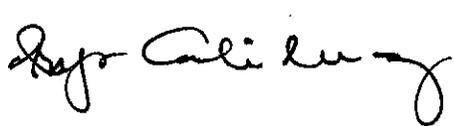
100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
[www.idem.IN.gov](http://www.idem.IN.gov)

## REGISTRATION OFFICE OF AIR QUALITY

**Emerson Power Transmission McGill Manufacturing**  
**705 North 6<sup>th</sup> Street**  
**Monticello, IN 47960**

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

Registration No. 181-25389-00030	
Issued by: <i>Original Signed by</i>  Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: March 10, 2008

First Registration Notice-Only Change No. 181-30361-00030	
Issued by:    Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: April 5, 2011

## SECTION A

## SOURCE SUMMARY

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

### A.1 General Information

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The Registrant owns and operates a stationary cam roller manufacturing plant.

Source Address:	705 North 6 <sup>th</sup> Street, Monticello, IN 47960
General Source Phone Number:	574-583-9171
SIC Code:	3562
County Location:	White County
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Registration

### 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) Dow Quench Furnace, identified as F0058, approved for construction in 2011, with a heat input capacity of 1.2 MMBtu/hr and venting to stack F0058.
- (b) One (1) Holcraft Quench Furnace, identified as F1606, fueled by natural gas, constructed in 1982, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F1606.
- (c) One (1) Super Allcase Quench Furnace, identified as F3212, approved for construction in 2011, with a heat input capacity of 1.468 MMBtu/hr and venting to stack F3212.
- (d) One (1) Lindeburg Draw Oven, identified as F0957, fueled by natural gas, constructed in 2006, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F0957.
- (e) One (1) Natural Gas Fired Wash Pot, containing soap without VOC, approved for construction in 2011, with a maximum capacity rate of 1.0 MMBtu/hr, and venting to stack Wash Pot.
- (f) Twenty-four (24) natural gas-fired space heaters, with a total maximum capacity of 18.164 MMBtu/hr.
- (g) Seven (7) metal surface treatment units/metal machining operations.
- (h) One (1) black oxide dip coating process line.
- (i) One (1) Super Allcase Tempering Draw Oven, identified as 3213, approved for construction in 2011, with a heat input capacity of 2.0 MMBtu/hr and venting to stack 3213.
- (j) Three (3) Natural Gas Fired Salt Tempering Draw Pots, approved for construction in 2011, with a total capacity rate of 3.0 MMBtu/hr and venting to a stack Salt Draw Pot.
- (k) One (1) Endothermic Generator, identified as 3216, approved for construction in 2011, with a heat input capacity of 4.0 MMBtu/hr and venting to stack 3216.

[ All units do not have any control devices ]

## SECTION B

## GENERAL CONDITIONS

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

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

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

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

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

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

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

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

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- (a) All terms and conditions of permits established prior to Registration No.181-25389-00030 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised, or
  - (3) deleted.
- (b) All previous registrations and permits are superseded by this registration.

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

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

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

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

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

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

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

Pursuant to 326 IAC 2-5.5-6(a), an application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

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

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

**B.8 Preventive Maintenance Plan [326 IAC 1-6-3]**

- (a) If required by specific condition in Section D of this registration, the Registrant shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this registration or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

- (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.

If, due to circumstances beyond the Registrant's control, the PMPs cannot be prepared and maintained within the above time frame, the Registrant may extend the date an additional ninety (90) days provided the Registrant notifies:

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

The Registrant shall implement the PMPs.

- (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 Registrant to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions.
- (c) To the extent the Registrant is required by 40 CFR Part 60 or 40 CFR Part 63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such OMM Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

**SECTION C**

**SOURCE OPERATION CONDITIONS**

Entire Source

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

**C.1 Opacity [326 IAC 5-1]**

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this registration:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 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.2 Fugitive Dust Emissions [326 IAC 6-4]**

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

## SECTION D.1

## OPERATION CONDITIONS

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

- (a) One (1) Dow Quench Furnace, identified as F0058, approved for construction in 2011, with a heat input capacity of 1.2 MMBtu/hr and venting to stack F0058.
- (b) One (1) Holcraft Quench Furnace, identified as F1606, fueled by natural gas, constructed in 1982, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F1606.
- (c) One (1) Super Allcase Quench Furnace, identified as F3212, approved for construction in 2011, with a heat input capacity of 1.468 MMBtu/hr and venting to stack F3212.
- (d) One (1) Lindeburg Draw Oven, identified as F0957, fueled by natural gas, constructed in 2006, with a heat input capacity of 2.0 MMBtu/hr and venting to stack F0957.
- (e) One (1) Natural Gas Fired Wash Pot, containing soap without VOC, approved for construction in 2011, with a maximum capacity rate of 1.0 MMBtu/hr, and venting to stack Wash Pot.
- (f) Twenty-four (24) natural gas-fired space heaters, with a total maximum capacity of 18.164 MMBtu/hr.
- (g) Seven (7) metal surface treatment units/metal machining operations.
- (h) One (1) black oxide dip coating process line.
- (i) One (1) Super Allcase Tempering Draw Oven, identified as 3213, approved for construction in 2011, with a heat input capacity of 2.0 MMBtu/hr and venting to stack 3213.
- (j) Three (3) Natural Gas Fired Salt Tempering Draw Pots, approved for construction in 2011, with a total capacity rate of 3.0 MMBtu/hr and venting to a stack Salt Draw Pot.
- (k) One (1) Endothermic Generator, identified as 3216, approved for construction in 2011, with a heat input capacity of 4.0 MMBtu/hr and venting to stack 3216.

[ All units do not have any control devices]

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

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

#### D.1.1 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for this facility. Section B - Preventive Maintenance Plan contains the Registrant's obligation with regard to the preventive maintenance plan required by this condition.

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

**REGISTRATION  
ANNUAL NOTIFICATION**

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

<b>Company Name:</b>	Emerson Power Transmission McGill Manufacturing Co
<b>Address:</b>	705 North 6 <sup>th</sup> Street
<b>City:</b>	Monticello, IN 47960
<b>Phone Number:</b>	574-583-9171
<b>Registration No.:</b>	181-25389-00030

I hereby certify that Emerson Power Transmission McGill Manufacturing Co is :

- still in operation.
- no longer in operation.

I hereby certify that Emerson Power Transmission McGill Manufacturing Co is :

- in compliance with the requirements of Registration No. 181-25389-00030.
- not in compliance with the requirements of Registration No. 181-25389-00030.

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

Appendix A: Emissions Calculations  
PTE Summary

Company Name: Emerson Power Transmission McGill Manufacturing Co.  
Address City IN Zip: 705 North 6th Street, Monticello, IN 47960  
Permit Number: 181-30361-00030  
Reviewer: Renee Traivaranon  
Date: March 28, 2011

Emission Unit	Capacity MMBtu/hr	PTE (tons/year)												
		PM	PM10	PM2.5	SO2	VOC	CO	NOX	Lead	Total HAP				
Dow Quench Furnace (F0058)	1.2													
Holcraft Quench Furnace (F1606)	2													
Super Allicase Quench Furnace (F3212)	1.468													
Lindeburg Draw Oven (F0957)	2													
Natural Gas Fired Wash Pot	1	0.3	1.2	1.2	0.1	0.8	12.8	15.3	0.0					Neg
24 natural gas-fired space heaters	18.164													
Super Allicase Tempering Draw Oven (3213)	2													
3 Natural Gas Fired Salt Tempering Draw Pots	3													
Endothermic Generator	4													
Machining operations*	0	0.0	0.0	0.0	0.00	2.9	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0
Surface Treatment*	0	0.4	0.0	0.0	0.00	0.7	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0
Black Oxide Process*	0	0.0	0.0	0.0	0.00	0.7	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0
Other (Heat treatment, storage tanks)*	0	0.1	0.1	0.1	0.01	0.1	0.8	1.01	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>34.83</b>	<b>0.75</b>	<b>1.26</b>	<b>1.26</b>	<b>0.10</b>	<b>5.25</b>	<b>13.63</b>	<b>16.27</b>	<b>&lt;10</b>	<b>&lt;25</b>				

\* PTE from these units are from Registration No. 181-25389-00030 issued on March 10, 2008



**Appendix A: Emissions Calculations  
Natural Gas Combustion Only**

**HAPs Emissions**

**Company Name: Emerson Power Transmission McGill Manufacturing Co.**

**Address City IN Zip: 705 North 6th Street, Monticello, IN 47960**

**Permit Number: 181-30361-00030**

**Reviewer: Renee Traivanon**

**Date: March 28, 2011**

		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	3.204E-04	1.831E-04	1.144E-02	2.746E-01	5.187E-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	7.628E-05	1.678E-04	2.136E-04	5.797E-05	3.204E-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.



# 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: Keith Tolen  
Emerson Power Transmission  
705 N 6<sup>th</sup> St  
Monticello, IN 47960

DATE: April 5, 2011

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

SUBJECT: Final Decision  
Notice Only  
181-30361-00030

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:  
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

<b>IDEM Staff</b>	DPABST 4/5/2011	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
<b>Name and address of Sender</b>	Emerson Power Transmission McGill Manufacturing Co. Inc. 181-30361-00030 Final Indiana Department of Environmental Management Office of Air Quality - Permits Branch 100 N. Senate Indianapolis, IN 46204	<b>CERTIFICATE OF MAILING ONLY</b>

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2		Mr. Harry D. DuVall P.O. Box 147 Idaville IN 47950 (Affected Party)										
3		White County Commissioners P.O. Box 260 Monticello IN 47960-0260 (Local Official)										
4		Ms. Magie Read P.O. Box 248 Battle Ground IN 47920 (Affected Party)										
5		Mr. Robert Kelley 2555 S 30th Street Lafayette IN 44909 (Affected Party)										
6		White County Health Department 315 N Illinois St Monticello IN 47960 (Health Department)										
7		Mark Zellwanger 26545 CR 52 Nappanee IN 46550 (Affected Party)										
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