



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Mitchell E. Daniels, Jr.
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100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

May 31, 2005

Mr. Jeff Baumann, Manager
Steel Dynamics, Inc. – Jeffersonville
4500 CR 59
Butler, IN 46721

Re: **019-21131-00089**
First Notice Only Change to
Registration No. 019-17215-00089

Dear Mr. Baumann:

Steel Dynamics, Inc.- Jeffersonville was issued a Registration on May 14, 2003, for a continuous hot-dip galvanizing line. An application was received April 19, 2005, requesting that the emission statement condition be removed from the permit due to the revisions to 326 IAC 2-6 (Emission Reporting) which became effective on March 27, 2004. The Permittee is no longer required to submit an emission statement; therefore, the emission statement condition will be removed from the permit. Pursuant to the provisions of 326 IAC 2-5.5-6(d) the permit is hereby administratively amended as follows:

The following condition is removed from the registration:

~~326 IAC 2-6 (Emission Reporting)~~

~~Pursuant to 326 IAC 2-6 (Emission Reporting), the owner/operator must annually submit an emission statement for the source. The annual statement must be received by April 15 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8) (Emission Statement Operating Year). The source will be required to annually submit a statement of the actual emissions of all federally regulated pollutants from the source, for the purpose of fee assessment.~~

All other conditions of the permit shall remain unchanged and in effect. Please find a copy of the Registration with the revisions.

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 Janet Mobley at 317-232-8369 or at 1-800-451-6027 extension 2-8369.

Sincerely,

Original Signed by
Kathy Moore, Section Chief
Permits Branch
Office of Air Quality

KM/jm

cc: File – Clark County
Clark County Health Department
Air Compliance Section Inspector – Ray Schick
Compliance Data Section
Permit Review Section II- Janet Mobley



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May 31, 2005

Mr. Jeff Baumann, Manager
Steel Dynamics, Inc.
4500 County Road 59
Butler, IN 46721

Re: **019-21131-00089**
First Notice Only Change to
Registered Construction and Operation Status
019-17215-00089

Dear Mr. Baumann:

An application requesting that the emission statement condition be removed from the registration due to revisions to 326 IAC 2-6 (Emission Reporting) was received on April 19, 2005. The following is a revision of the registration removing the condition.

The application from Steel Dynamics, Inc., received on February 17, 2003, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following continuous hot-dip galvanizing line, located at 5134 Loop Road, Jeffersonville, Indiana 47130, is classified as registered:

- (a) One (1) alkaline cleaning process, installed November 1999, consisting of the following:
 - (1) one (1) hot soap dip tank equipped with one (1) natural gas burner rated at 5.3 MMBtu per hour;
 - (2) one (1) hot water dip tank equipped with one (1) natural gas burner rated at 3.0 MMBtu per hour; and
 - (3) one (1) exhaust blower equipped with a demister to remove particulate matter emissions in the airstream of the alkaline cleaning process before it is exhausted to stack S2.

- (b) One (1) two-section annealing furnace equipped with low-NO_x burners that exhaust the flue gases to stack S1, installed November 1999:
 - (1) one (1) preheat section rated at 56.0 MMBtu per hour; and
 - (2) one (1) radiant tube section rated at 21.0 MMBtu per hour.

The following conditions shall be applicable:

326 IAC 5-1-2 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, 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.

326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)

Pursuant to 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes), exhaust from the alkaline cleaning process blower shall meet the particulate matter emission rate limits established pursuant to 326 IAC 6-3-2(e) (Particulate Emission Limitations, Work Practices, and Control Technologies) as follows:

Interpolation of the data for process weight rates 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

326 IAC 10-1 (Nitrogen Oxides Control in Clark and Floyd Counties)

Pursuant to 326 IAC 10-1 (Nitrogen Oxides Control in Clark and Floyd Counties), the two-section annealing furnace shall comply with BACT by using low-NO_x burners.

This is a registration issued to the source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3).

The annual notice shall be submitted to:

Compliance Data Section
Office of Air Quality
100 North Senate Avenue
Indianapolis, IN 46204

no later than March 1 of each year, with the annual notice being submitted in the format attached.

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

Sincerely,

Original Signed by
Kathy Moore, Section Chief
Permits Branch
Office of Air Quality

KM/jm

cc: File - Clark County
Clark County Health Department
Air Compliance - Ray Schick
Compliance Data Section
Permit Review Section II – Janet Mobley

Registration Annual Notification

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

Company Name:	Steel Dynamics, Inc.
Address:	5134 Loop Road
City:	Jeffersonville, IN 47130
Authorized individual:	Jeff Baumann
Phone #:	260-868-8185
Registration #:	019-17215-00089

I hereby certify that the continuous hot-dip galvanizing line at Steel Dynamics, Inc., Jeffersonville, Indiana is still in operation and is in compliance with the requirements of Registration 019-17215-00089.

Name (typed):
Title:
Signature:
Date: