INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: August 9, 2006

RE: Mittal Steel USA, Inc / 089-23401-00316

FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 03/23/06

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Mr. Jim Flannery
Mittal Steel USA, Inc.
3210 Watling Street
East Chicago, IN 46312

August 9, 2006

Dear Mr. Flannery:

Re: Experimental Operation
EO No. 089-23401-00316

On July 10, 2006, Mittal Steel USA, Inc., East Chicago, Indiana, submitted a letter informing the Office of Air Quality (OAQ) of the intention to perform an experimental trial. The trial will consist of injecting pulverized coal from a pressurized truck or temporary mobile storage container through temporary piping or hosing to a temporary burner system into one (1) of the two (2) kilns of No.1 Lime Plant. All emissions from the kiln combustion process, including all emissions associated with the pulverized coal combustion, exit through the associated kiln baghouse.

Experimental Operation General Information

Unit:	One (1) of two (2) kilns of No.1 Lime Plant
Location of the Operation:	3210 Watling Street, East Chicago, Indiana 46312
County:	Lake
County Status:	Nonattainment for $PM_{2.5}$ and 8 hour ozone standard Attainment for all other criteria pollutants
Purpose of the Trial:	Conduct a trial involving the injection of pulverized coal into the combustion chamber of one (1) of two (2) kilns of No.1 Lime Plant on a trial basis to determine the combustion and temperature controllability, as well as its impact on the final facility products.
Starting Date of the Operation:	July 15, 2006 [326 IAC 2-1.1-3(h)(3)(F)]
Duration of the Operation:	Less than thirty (30) days actual operation time
Testing parameters:	PM, PM10, SO2, NOx, CO

Applicable Requirements

Pursuant to 326 IAC 2-1.1-3(h)(3), the above mentioned temporary operation and experimental trial shall satisfy the following requirements:

(1) The potential emissions from the operation are less than twenty-five (25) tons for the duration of the operation. [326 IAC 2-1.1-3(h)(3)(A)]

(2) The operation is not a major source or modification as defined by 326 IAC 2-2, 326 IAC 2-3, or 326 IAC 2-7. [326 IAC 2-1.1-3(h)(3)(B)]

(3) The purpose of the operation is to:

(a) collect data for experimental purposes, including, but not limited to, process improvements, new product development, and pollution prevention; or [326 IAC 2-1.1-3(h)(3)(C)(i)]

(b) temporarily conduct an operation not considered part of the normal operation or production of the facility or source. [326 IAC 2-1.1-3(h)(3)(C)(ii)]

(4) The duration of the temporary operation or experimental trial is less than thirty (30) days of total operating time. [326 IAC 2-1.1-3(h)(3)(D)]

(5) The owner or operator shall submit a report containing the following information, at most seven (7) days after concluding the temporary operation or experimental trial: [326 IAC 2-1.1-3(h)(3)(G)]

(a) The actual start date of the construction, reconstruction, or modification.

(b) The duration of the temporary operation or experimental trial.

(c) The actual emissions occurring during the temporary operation or experimental trial.

Exemption Expiration Date

This approval expires after thirty (30) days of actual operating time of the experimental operation.

If you have any questions regarding this approval, please contact Walter Habeeb of my staff at 317-232-8422 or at 1-800-451-6027, extension 2-8422.

Sincerely,

Original signed by
Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

WH
Enclosure: Experimental Trial Operation Report (1 page)
cc: File - Lake County
Lake County Health Department
Air Compliance Section – Dave Sampias
Compliance Data Section

Indiana Department of Environmental Management
Office of Air Quality
Permits Branch

Experimental Trial Operation Report

Source Name: Mittal Steel USA, Inc.
Source Location: 3210 Watling Street
East Chicago, Indiana 46312
County: Lake
EO No.: 089-23401-00316
Approval Reviewer: Walter Habeeb

Milestone Schedule	
Type of unit/operation:	
Actual starting date of the construction:	
Actual ending date of the construction:	
Actual starting date of the operation:	
Actual ending date of the operation:	
Actual number of days of the operation:	
Calculated emissions during the duration of the operation:	
Additional Comments:	

I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Signature:
Printed Name:
Title/Position:
Date:

cc: Air Compliance Section – Dave Sampias