Mr. John D. Fekete
Ispat Inland, Inc.
3210 Watling Street
East Chicago, Indiana 46312

Re: **089-12080**
First Administrative Amendment to
Part 70 Significant Source Modification
089-11512-00316

Dear Mr. Fekete:

Ispat Inland, Inc., was issued a Significant Source Modification on March 14, 2000, for a slag granulator and pelletizer operation. A letter requesting an administrative amendment to change the description of the hourly capacity of the pelletizer from 35 tons to 150 tons was received on March 23, 2000. Pursuant to the provisions of 2-7-11, the permit is hereby administratively amended as follows:

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source is approved to construct and operate the following emission units and pollution control devices:

(b) One (1) slag pelletizer, identified as EU-302, with a maximum capacity of ~~35~~ **150** tons per hour **and 300,000 tons per year**, with emissions inherently reduced by quench water, and exhausting to stack S-302. The following equipment is also used in connection with the slag pelletizer:

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(b) One (1) slag pelletizer, identified as EU-302, with a maximum capacity of ~~35~~ **150** tons per hour **and 300,000 tons per year**, with emissions inherently reduced by quench water, and exhausting to stack S-302. The following equipment is also used in connection with the slag pelletizer:

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

The tons per hour maximum capacity of the pelletizer operation was misstated in the Significant Source Modification approval. Therefore, an administrative amendment was needed to correct this error. The original calculations for the pelletizer were based on an annual throughput of 300,000 tons which is equivalent to 35 tons per hour. The operation will exceed the hourly maximum capacity of 35

tons. As a result, the pelletizer maximum capacity has been changed to 150 tons per hour to indicate the true capacity of the equipment on a short term basis. Although there has been an increase in the hourly capacity of the pelletizer the annual throughput to the pelletizer is not changing. The annual throughput to the pelletizer is limited by the amount and type slag that is produced that is actually processed through the pelletizer. These changes are reflected in the description which indicates both an hourly throughput and an annual throughput.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

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 Autumn M. Marker, at (800) 451-6027, press 0 and ask for Autumn Marker or extension 3-0242, or dial (317) 233-0242.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments
AMM
cc: File - Lake County
U.S. EPA, Region V
Lake County Health Department
Northwest Regional Office
Air Compliance Section Inspector - Dave Sampias
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner
Part 70 file: T089-6577-00316

PART 70 SIGNIFICANT SOURCE MODIFICATION
OFFICE OF AIR MANAGEMENT

Ispat Inland, Inc.
3210 Watling Street
East Chicago, Indiana 46312

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

This approval is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Source Modification No.: 089-11512-00316	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: March 14, 2000

Administrative Amendment No.: 089-12080-00316 Pages Affected: 3 and 12	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

SECTION A SOURCE SUMMARY

This approval is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the emission units contained in conditions A.1 through 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 approval pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates an integrated steel mill.

Responsible Official:	John D. Fekete
Source Address:	3210 Watling Street, East Chicago, Indiana 46312
Mailing Address:	3210 Watling Street MC 8-130, East Chicago, Indiana 46312
Phone Number:	(219) 399-4516 (Jim Carson)
SIC Code:	3312
County Location:	Lake
County Status:	Nonattainment for PM_{10}, SO_2, ozone and CO (portions only) Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program; Major Source, under PSD and Emission Offset Rules; Major Source, Section 112 of the Clean Air Act; 1 of 28 listed source categories under PSD and Emission Offset Rules.

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source is approved to construct and operate the following emission units and pollution control devices:

(a) One (1) slag granulator, identified as EU-301, with a maximum capacity of 150 tons of slag per hour, with emissions inherently reduced by quench water, and exhausting to stack S-301. The following equipment is also used in connection with the slag granulator:

(1) One (1) slurry dewatering drum, with negligible emissions due to water content, and exhausting directly to the ambient air.

(2) One (1) conveyor, identified as C-2, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(3) Two (1) pile stackers, identified as S-1 and S-2, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(4) Three (3) granulated slag piles, identified as P-1, P-2 and P-2, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(5) One (1) granulated slag barge loader, with particulate matter emissions reduced by water suppression, and exhausting directly to the ambient air.

(b) One (1) slag pelletizer, identified as EU-302, with a maximum capacity of 150 tons per hour and 300,000 tons per year, with emissions inherently reduced by quench water, and exhausting to stack S-302. The following equipment is also used in connection with the slag pelletizer:

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

(a) One (1) slag granulator, identified as EU-301, with a maximum capacity of 150 tons of slag per hour, with emissions inherently reduced by quench water, and exhausting to stack S-301. The following equipment is also used in connection with the slag granulator:

(1) One (1) slurry dewatering drum, with negligible emissions due to water content, and exhausting directly to the ambient air.

(2) One (1) conveyor, identified as C-2, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(3) Two (1) pile stackers, identified as S-1 and S-2, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(4) Three (3) granulated slag piles, identified as P-1, P-2 and P-2, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(5) One (1) granulated slag barge loader, with particulate matter emissions reduced by water suppression, and exhausting directly to the ambient air.

(b) One (1) slag pelletizer, identified as EU-302, with a maximum capacity of 150 tons per hour and 300,000 tons per year, with emissions inherently reduced by quench water, and exhausting to stack S-302. The following equipment is also used in connection with the slag pelletizer:

(1) Four (4) conveyors, identified as C-3, C-4, C-5 and C-6, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(2) One (1) pellet crusher, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(3) One (1) pellet screening station, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(4) Four (4) pelletized slag piles, identified as P-4, P-5, P-6 and P-7, with particulate matter emissions reduced by inherent moisture content, and exhausting directly to the ambient air.

(5) One (1) pelletized slag barge loader, with particulate matter emissions reduced by water suppression, and exhausting directly to the ambient air.

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

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Operational Limitations [326 IAC 2-1.1-4] [326 IAC 2-1.1-5]

The Permittee may split the slag stream between both systems, however, the Permittee shall not utilize both operations in order to increase slag processing throughput. Any operational change or modification that would increase slag processing throughput to either system would need prior approval from the OAM. In addition, at all times the slag granulator or pelletizer are operating,