

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

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Commissioner

100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.state.in.us/idem

June 26, 2002

Mr. John Kass
Lone Star Industries, Inc.
P.O. Box 482
Greencastle, Indiana 46135

Re: Experimental Operation
EO No. 133-16071-00002

Dear Mr. Kass:

On June 4, 2002, Lone Star Industries, Inc., Greencastle, Indiana, submitted a letter informing the Office of Air Quality (OAQ) of the intention to perform an experimental operation of using blast furnace slag as an additional raw material in the existing cement kiln.

Experimental Operation General Information

Unit:	Industrial Kiln in the production of cement
Location of the Operation:	Greencastle, Indiana
County:	Putnam
County Status:	Attainment
Purpose of the Operation:	To collect data on using blast furnace slag as an additional raw material in an existing cement kiln.
Starting Date of the Operation:	Seven days from the notification date [326 IAC 2-1.1-3(g)(3)(F)]
Duration of the Operation:	Less than 30 days of actual operation
Testing parameters:	All criteria pollutants

Applicable Requirements

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

1. The potential emissions from the operation should be less than 25 tons per year for the duration of the operation. [326 IAC 2-1.1-3(g)(3)(A)]
2. The operation should not be a major source or modification as defined under 326 IAC 2-2, 326 IAC 2-3 or 326 IAC 2-7. [326 IAC 2-1.1-3(g)(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. [326 IAC 2-1.1-3(g)(3)(C)(i)]
 - (b) temporarily conduct an operation not considered as part of the normal operation or production of the source. [326 IAC 2-1.1-3(g)(3)(C)(ii)]
4. The experimental trial should not be part of the existing normal operation or production of the source. [326 IAC 2-1.1-3(g)(3)(C)(ii)]

5. The source shall submit a report containing the following information, seven (7) days after the conclusion of the experimental operation: [326 IAC 2-1.1-3(g)(3)(G)]
 - (a) The actual dates of the construction and operation.
 - (b) The duration of the operation.
 - (c) The actual emissions occurring during the operation.
6. The report shall be submitted to:

Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
P. O. Box 6015
Indianapolis, Indiana 46206-6015

Experimental Trial Expiration Date

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

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Yu-Lien Chu, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7871 to speak directly to Ms. Chu. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, press 0 and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,

Original Signed by Paul Dubenetzky
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

ERG/YC

Enclosure: Experimental Trial Operation Report (1 page)

cc: File - Putnam County
Putnam County Health Department
Air Compliance Section - Jim Thrope
Compliance Data Section - Jerri Curless
Permit Filing - Sara Cloe

**Indiana Department of Environmental Management
Office of Air Quality
Permit Branch**

Experimental Trial Operation Report

Source Name: Lone Star Industries, Inc.
Source Location: 3301 South County Road, 150 West, Greencastle, Indiana 46135
County: Putnam
EO No.: 133-16071-00002
Approval Reviewer: ERG/YC

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 - Jim Thrope