



# 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)

Mr. Dave Olchawa  
Carneuse Lime and stone  
1 North Carneuse Drive  
Gary, Indiana 46406

June 7, 2012

Re: Experimental Operation  
EO No. 089-31867-00112

Dear Mr. Olchawa:

On May 11, 2012, Carneuse Lime and Stone, in Gary, Indiana, submitted a letter informing the Office of Air Quality (OAQ) of the intention to perform experimental operation to test the use of an alternative fuel referred to as Engineered Fuel (EF) as a partial substitute to coal that is currently being used to fire the kilns at its lime plant.

#### Experimental Operation General Information:

Unit:	Existing Kilns - Substituting EF for a part of the coal used to fire the kilns. EF feed system
Location of the Operation:	Gary, Indiana
County:	Lake
County Status:	Attainment
Purpose of the Operation:	To determine whether there are any operational impediments to the use of engineered fuel
Starting Date of the Operation:	Seven days from the notification date [326 IAC 2-1.1-3(h)(3)(F)]
Duration of the Operation:	30 days of actual operation
Testing parameters:	SO <sub>2</sub> , NO <sub>x</sub> , PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, VOC and CO <sub>2e</sub>

#### 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 should be less than 25 tons per year for the duration of the operation. [326 IAC 2-1.1-3(h)(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(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. [326 IAC 2-1.1-3(h)(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(h)(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(h)(3)(C)(ii)]

5. The duration of the experimental operation should not exceed 30 days of actual operation. [326 IAC 2-1.1-3(h)(3)(D)]
6. 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(h)(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.
7. The report shall be submitted to:  
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

Experimental Trial Expiration Date

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

If you have any questions regarding this approval, please contact Aida DeGuzman of my staff at 317-233-4972 or at 1-800-451-6027, ext 3-4972.

Sincerely,



Matthew Stuckey, Branch Chief  
Permits Branch  
Office of Air Quality

APD

Enclosure: Experimental Trial Operation Report (1 page)

cc: File - Lake County

Lake County Health Department  
Compliance and Enforcement Branch

**Indiana Department of Environmental Management  
Office of Air Quality  
Compliance and Enforcement Branch  
Experimental Trial Operation Report**

Source Name: Carmeuse Lime and Stone  
Source Location: 1 North Carmeuse Drive, Gary, Indiana 46404  
County: Lake  
EO No.: 089-31867-00112

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:	



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## **SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED**

**TO:** Carmeuse Lime and Stone

**DATE:** June 7, 2012

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

**SUBJECT:** Final Decision

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:  
Juan Nieves Jr, Responsible Official  
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

IDEM Staff	DPABST 6/7/2012 Carmeuse Lime & Stone 31867 (draft/final)		Type of Mail:  <b>CERTIFICATE OF MAILING ONLY</b>	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
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1		David Olchawa Carmeuse Lime & Stone 1 North Carmeuse Dr Gary IN 46406 (Source CAATS)										
2		Juan Nieves Jr Site Operations Mgr Carmeuse Lime & Stone 1 North Carmeuse Dr Gary IN 46406 (RO CAATS)										
3		East Chicago City Council 4525 Indianapolis Blvd East Chicago IN 46312 (Local Official)										
4		Gary Mayors Office 401 Broadway # 203 Gary IN 46402 (Local Official)										
5		Lake County Health Department-Gary 1145 W. 5th Ave Gary IN 46402-1795 (Health Department)										
6		Lake County Commissioners 2293 N. Main St, Building A 3rd Floor Crown Point IN 46307 (Local Official)										
7		Gary City Council 401 Broadway # 209 Gary IN 46402 (Local Official)										
8		Susan Severtson City of Gary Law Dept. 401 Broadway 4th Floor Gary IN 46402 (Local Official)										
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