



Mitchell E. Daniels, Jr.  
 Governor

Thomas W. Easterly  
 Commissioner

100 North Senate Avenue  
 MC 61-53 IGCN 1003  
 Indianapolis, Indiana 46204-2251  
 (317) 232-8603  
 (800) 451-6027  
 www.IN.gov/idem

September 12, 2007

Mr. Randall Surface  
 Cummins Midrange Engine Plant  
 Interstate 65 and Highway 58  
 MC71328  
 Columbus, Indiana 47201

Re: Approval for a Temporary Operation and an  
 Experimental Trial  
 EO No. 005-25211-00047

Dear Mr. Surface:

On August 28, 2007, Cummins Engine Company – Midrange Engine Plant submitted a letter informing the Office of Air Quality (OAQ) of the intention to conduct a temporary operation and experimental trial related to preliminarily test the effectiveness of using water based paint to paint existing engines.

**Experimental Operation General Information**

Unit:	Paint Booth (EU-PO1)
Location of the Operation:	Cummins Midrange Engine Plant, Interstate-65 and Highway 58, Columbus, Indiana
County:	Bartholomew
County Status:	Attainment or unclassifiable for all criteria pollutants
Purpose of the Experimental Trial:	Cummins is testing a new paint (water based) to paint existing engines. This is a requirement by the customer to verify that the paint will meet their specifications. The testing does not require the construction, reconstruction or modification in order to conduct the test.
Starting Date of the Operation:	September 10, 2007 [326 IAC 2-1.1-3(h)(3)(F)]
Duration of the Operation:	Less than 30 days of actual operation
Testing parameters:	Emissions of VOC, PM, PM-10, and Haps

**Applicable Requirements**

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

1. The potential emissions from the operation are less than 25 tons per year 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 under 326 IAC 2-2, 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 as 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 30 days of total operating time. [326 IAC 2-1.1-3(h)(3)(D)]
5. The Permittee shall submit a report containing the following information, at most seven (7) days after the conclusion of the temporary 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.
6. The report shall be submitted to:  
Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

#### Expiration Date

This approval expires after 30 days of actual operating time of the temporary operation and experimental trial related to the test of the water base painting.

#### IDEM Contact

If you have any questions regarding this approval, please contact Gary Freeman of my staff at the Indiana Department Environmental Management, Office of Air Quality, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 233-5334 or toll free at 1-800-451-6027 extension 3-5334.

Sincerely,

Original signed by

Iryn Calilung, Section Chief  
Permits Branch  
Office of Air Quality

Enclosure: Temporary Operation and Experimental Trial Report

cc: File – Bartholomew County  
Bartholomew County Health Department  
Air Compliance Inspector – Vaughn Ison  
Permit Review Section 4 – Gary Freeman

**Indiana Department of Environmental Management  
Office of Air Quality, Permits Branch  
100 North Senate Avenue, MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251**

**Temporary Operation and Experimental Trial Report**

Source Name: Cummins Engine Company – Midrange Engine Plant  
Source Location: Interstate 65 and Highway 58, MC 71328, Columbus,  
Indiana 47201  
County Location: Bartholomew  
Experimental Operation: 005-25211-00047

Experimental Operation	
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 Inspector – Vaughn Ison