



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

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Ms Teresa Reksel  
Evonik Degussa Corporation  
1650 Lilly Road, Tippecanoe Labor  
Lafayette, IN 47909

April 27, 2011

Re: Review Request No.157-30430-00006 to  
Part 70 permit No. 157-26575-00006

Dear Ms. Reksel:

On March 15, 2010, Evonik Degussa Corporation Tippecanoe Laboratories submitted a letter requesting approval from the Office of Air Quality (OAQ) for revalidation of the PAL emission determination methods as required by Condition G.1.6 of the source's PAL permit, as well as 326 IAC 2-2.4-12(i).

Pursuant to the Title V Operating Condition G.1.6 and 326 IAC 2-2.4-12(i), Evonik Degussa Corporation is required to revalidate the emissions determination methods in the PAL permit through performance testing or other scientifically valid means no later than five (5) years after the effective date of the PAL provisions.

Evonik Degussa Corporation has submitted a document entitled, Revalidation of PAL Emissions Determination Methods, summarizing the methodologies, data and revalidation proposal.

There are no physical or operational changes to the emission units, the AP-42 emission factor and the technical basis for the factor has not changed. The potential to emit of NOx and SO2 has not changed since the emissions determination method was established.

The Continuous Emission Monitoring System (CEMs) used by the source is the accurate method for determining actual emissions and relative accuracy testing is performed on the CEMs on an annual basis to ensure the CEMs continue to perform accurately.

Therefore, IDEM OAQ, approves the revalidation of PAL emission determination methods as required by Condition G.1.6 of the site's PAL permit, as well as 326 IAC 2-2.4-12(i).

All conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter to the front of the original permit.



If you have any questions regarding this approval, please contact Josiah Balogun 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) 234-5257 or toll free at 1-800-451-6027 extension 4-5257.

Sincerely,



Matthew Stuckey, Branch Chief  
Permits Branch  
Office of Air Quality

Enclosure: Review Request

cc: File – Tippecanoe County  
Tippecanoe County Health Department  
U.S. EPA, Region V  
Air Compliance and Enforcement Branch

# Mail Code 61-53

IDEM Staff	DPABST 4/27/2011 Evonik Degussa Corporation- Tippecanoe Labs 157-30430-00006 (Final)		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING	
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail:  <b>CERTIFICATE OF MAILING ONLY</b>	

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1		Teresa Reksel Evonik Degussa Corporation- Tippecanoe Labs 1650 Lilly Rd, Tippecanoe Laboratories Lafayette IN 47909 (Source CAATS) (CONFIRM DELIVERY)									
2		Lawrence J. McShane VP / GM Evonik Degussa Corporation- Tippecanoe Labs 1650 Lilly Rd, Tippecanoe Labo Lafayette IN 47909 (RO CAATS)									
3		Tippecanoe County Commissioners 20 N 3rd St, County Office Building Lafayette IN 47901 (Local Official)									
4		Tippecanoe County Health Department 20 N. 3rd St Lafayette IN 47901-1211 (Health Department)									
5		West Lafayette City Council and Mayors Office 609 W. Navajo West Lafayette IN 47906 (Local Official)									
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