



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Mitchell E. Daniels Jr.*  
**Governor**

*Thomas W. Easterly*  
**Commissioner**

100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204  
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[www.idem.IN.gov](http://www.idem.IN.gov)

June 2, 2008

Mr. Schall Michael  
Dalton Corporation, Kendallville Manufacturing Facility  
200 West Ohio Street  
Kendallville, IN 46755

Re: Review Request No.113-26538-00004 to  
Part 70 permit No. 113-6491-00004

Dear Mr. Schall:

On May 13, 2008, Dalton Corporation, Kendallville Manufacturing Facility submitted a letter informing the Office of Air Quality (OAQ) of their intention to construct one (1) electric melt furnace, with a maximum capacity of 3 ton per hour, for the purpose of product research and development.

The mold structure to be used would be an existing test pattern. All downstream operations (e.g. cooling, shakeout and casting cleaning) would be performed on existing equipment.

The uncontrolled emissions from the electric melt furnace operation for PM, PM10, VOC, NOx and CO are less than the PSD significant levels of 25, 15, 40, 40 and 100 tons per year, respectively.

The construction of the electric furnace will not result in an increase in production. Pursuant to 326 IAC 2-1.1-3(e)(2), any modification of an existing source that consist of only an emissions unit or units or process or processes whose primary purpose is to conduct research and development into new processes and products does not require modification approval under 326 IAC 2-7-10.5 and does not require submission of a modification application to IDEM OAQ, provided the modification:

- (A) is operated under the close supervision of technically trained personnel;
- (B) is conducted for the primary purpose of theoretical research or research and development into new or improved processes and products;
- (C) does not manufacture more that de minimis amount of commercial products;
- (D) does not contribute to the manufacture of commercial products by collocated sources in more than a de minimis manner; and
- (E) is not subject to 326 IAC 2-2 of 326 IAC 2-3.

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,

*Original signed by*  
Tripurari P. Sinha, Ph.D., Section Chief  
Permits Branch  
Office of Air Quality

Enclosure:      Review Request

cc: File – Noble County  
Noble County Health Department  
Air Compliance Inspector - Northern Regional Office