



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Michael R. Pence*  
Governor

*Thomas W. Easterly*  
Commissioner

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March 14, 2013

Ms. Susan Hedman  
Regional Administrator  
U.S. Environmental Protection Agency  
Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3950

Re: Revisions to the Indiana State  
Implementation Plan for Lead and the  
Final Attainment Demonstration and  
Technical Support Documents for the  
Muncie, Delaware County, Indiana  
Nonattainment Area for Lead

Dear Ms. Hedman:

Pursuant to Section 110 of the 1990 Clean Air Act Amendments and Title 13 of the Indiana Code, the Indiana Department of Environmental Management (IDEM) submits an amendment to the Indiana State Implementation Plan. This submittal consists of revisions to Indiana's lead rules at 326 IAC 15, the addition of 326 IAC 20-13.1 concerning updates to the national emission standards for hazardous air pollutants for secondary lead smelters, updates to 326 IAC 20-13, and the scheduled repeal of 326 IAC 20-13 in two parts to coincide with the compliance schedule in the new provisions in 326 IAC 20-13.1.

1. IDEM requests that the United States Environmental Protection Agency (U.S. EPA) proceed with review and approval of these revisions to the Indiana State Implementation Plan as follows: IDEM is requesting approval of 326 IAC 15-1-2, 326 IAC 15-1-3, and 326 IAC 15-1-4.
2. IDEM is not requesting approval of 326 IAC 20-13, unless approval can be granted prior to the repeal dates in Sections 108 and 109 of the final rule.

3. IDEM is requesting approval of the 326 IAC 20-13.1, with the following exceptions:
  - a. All provisions related to dioxins, furans, and total hydrocarbons, including the following provisions:
    - (1) 326 IAC 20-13.1-5(d).
    - (2) 326 IAC 20-13.1-5(f).
    - (3) 326 IAC 20-13.1-5(g).
    - (4) 326 IAC 20-13.1-5(i).
    - (5) 326 IAC 20-13.1-5(j).
    - (6) 326 IAC 20-13.1-10(e).
    - (7) 326 IAC 20-13.1-11(d).
    - (8) 326 IAC 20-13.1-11(e).
    - (9) 326 IAC 20-13.1-12(b).
    - (10) 326 IAC 20-13.1-12(c).
    - (11) 326 IAC 20-13.1-12(d).
    - (12) 326 IAC 20-13.1-12(e).
    - (13) 326 IAC 20-13.1-14(e)(2).
    - (14) 326 IAC 20-13.1-14(e)(3), related to total hydrocarbon.
    - (15) 326 IAC 20-13.1-15.
  - b. All provisions related to specific National Emission Standards for Hazardous Air Pollutants, including the following provisions:
    - (1) 326 IAC 20-13.1-1(d).
    - (2) 326 IAC 20-13.1-13(a).
  - c. 326 IAC 20-13.1-15, concerning the affirmative defense to civil penalties for an exceedance of the emissions limit during malfunctions.
4. IDEM is requesting approval of the repeal of 326 IAC 20-13 and the effective dates for 326 IAC 20-13.1 in Sections 106, 107, 108, and 109 in the final rule.

On June 11, 2012, IDEM submitted a letter requesting that the U.S. EPA review the draft *Attainment Demonstration and Technical Support Document for the Muncie, Delaware County, Indiana Nonattainment Area* and provide any comments and/or concerns it may have regarding these documents. With the rulemaking referenced above now complete, IDEM is pleased to also submit the final *Attainment Demonstration and Technical Support Document for the Muncie, Delaware County, Indiana Nonattainment Area* as an amendment to Indiana's State Implementation Plan.

IDEM provided an opportunity for a public hearing concerning the draft *Attainment Demonstration and Technical Support Document for the Muncie, Delaware County, Indiana Nonattainment Area* if a request for a public hearing was received by January 7, 2013. A hearing was tentatively scheduled for January 16, 2013. No request for a public hearing was received and the hearing was cancelled. IDEM received no written comments during the public comment period either, which concluded on January 21, 2013.

Attached hereto is the final *Attainment Demonstration and Technical Support Document for the Muncie, Delaware County, Indiana Nonattainment Area*. This final version documents the public participation process and consists of the following technical elements:

- A demonstration that the area will attain the standard by the attainment date;
- An analysis of air quality trends, a comprehensive emissions inventory of lead emissions from area and stationary point sources for Exide Technologies, a description of the effect of clean air measures in place, and predictions about future reductions in emissions resulting from additional control measures to be phased-in or implemented at Exide Technologies by October 1, 2013;
- A summary of the permanent and enforceable control measures that are anticipated to reduce lead emissions;
- Documentation of the public participation process; and,
- A copy of Indiana's final promulgated lead rule, which incorporates the requirements necessary to ensure attainment of the 2008 lead standard.

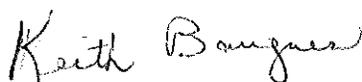
IDEM respectfully requests that U.S. EPA also proceed with review and approval of the enclosed final *Attainment Demonstration and Technical Support Document for the Muncie, Delaware County, Indiana Nonattainment Area*. This attainment demonstration is supported by dispersion modeling, as well as the permanent and enforceable requirements necessary to provide for attainment of the standard once approved into Indiana's State Implementation Plan for lead (per the preceding request). The citations applicable to this request include: 326 IAC 20-13-1; 326 IAC 20-13-3; 326 IAC 20-13-5 through 9; 326 IAC 20-13.1-1 through 3; and, 326 IAC 20-13.1-6 through 15, except for the provisions related to dioxins, furans, and total hydrocarbons, or specifically related to NESHAP requirements as noted above.

Throughout the development of these amendments to the existing rules and the attainment demonstration, IDEM staff worked with U.S. EPA Region 5, to ensure that any potential concerns regarding the submission were addressed. We would appreciate U.S. EPA's continued efforts to communicate regularly with us as it reviews this submittal, which consists of one (1) hard copy of the required documentation. An electronic version of the submittal in PDF format that is identical to the hard copy has been sent to Doug Aburano, Chief of U.S. EPA Region 5's Attainment Planning and Maintenance Section.

S. Hedman  
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If you have any questions or need additional information concerning this matter, please contact Scott Deloney, Chief, Air Programs Branch, at (317) 233-5694.

Sincerely,



Keith Baugues  
Assistant Commissioner  
Office of Air Quality

KB/sad/ghf

Attachments:

List of Supporting Documents  
Supporting Documents

cc: John Mooney, U.S. EPA Region 5 (no enclosure)  
Doug Aburano, U.S. EPA Region 5 (no enclosure)  
Andy Chang, U.S. EPA Region 5 (no enclosure)  
Mark Sutton, Exide Technologies (w/ enclosure)  
Fred Ganster, Exide Technologies (w/ enclosure)  
Keith Baugues, IDEM (no enclosure)  
Scott Deloney, IDEM (no enclosure)  
Christine Pedersen, IDEM (no enclosure)  
Gale Ferris, IDEM (w/ enclosure)  
File Copy

## Supporting Documents

Attachment A: Final Rule. LSA Document #11-774(F) as published in the Indiana Register on February 27, 2013 (DIN: [20130227-IR-326110774FRA](#))

Attachment B: Signature Page

Attachment C: Second Notice, as published in the Indiana Register on June 13, 2012 (DIN: [20120613-IR-326110774SNA](#))

Attachment D: Certificates of Web Publication (Notice of Public Hearings)

Attachment E: Transcript of First Public Hearing, including Exhibits, held on August 1, 2012

Attachment F: Transcript of Second Public Hearing, including Exhibits, held on November 7, 2012

Attachment G: Proposed Rule, as published in the Indiana Register on August 22, 2012, Indiana Register (DIN: [20120822-IR-326110774PRA](#))

Attachment H: Administrative Checklist (40 CFR 51, Appendix V)

Attachment I: Final *Attainment Demonstration and Technical Support Document for the Muncie, Delaware County, Indiana Nonattainment Area*

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