ARTICLE 15. LEAD RULES

Rule 1. Lead Emission Limitations

326 IAC 15-1-1 Applicability

Authority: IC 13-14-8; IC 13-17-3-4; IC 13-17-3-11; IC 13-17-3-12
Affected: IC 13-15; IC 13-17

Sec. 1. This rule applies to stationary sources listed in section 2 of this rule. *(Air Pollution Control Board; 326 IAC 15-1-1; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2564; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1850; filed Apr 22, 1997, 2:00 p.m.: 20 IR 2372; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; filed Dec 20, 2001, 4:30 p.m.: 25 IR 1604)*

TITLE 326 AIR POLLUTION CONTROL BOARD

LSA Document #93-201(F)

DIGEST

Amends 326 IAC 15-1-2 to establish requirements to maintain the materials storage building and the blast/dust furnace area under constant negative pressure and to continuously monitor negative pressure. Additionally, specific criteria are set for the control of both fugitive and stack emissions. Effective 30 days after filing with the secretary of state.

326 IAC 15-1-2

SECTION 1. 326 IAC 15-1-2 IS AMENDED TO READ AS FOLLOWS:

326 IAC 15-1-2 Source-specific provisions

Authority: IC 13-1-1-4
Affected: IC 13-1-1; IC 13-7-7

Sec. 2. (a) The sources listed below shall comply with the following emission and operating provisions:

		Emission Limitation
Source	Facility Description	lbs./hr.
(1) Refined	M-1 baghouse stack[1]	0.91
Metals of	M-2 baghouse stack[1]	0.15
Indianapolis	M-3 baghouse stack[1]	0.15
	M-4 baghouse stack[1]	0.30

[1]Compliance shall be achieved on or before April 30, 1992.

(A) On or before June 1, 1987, Refined Metals of Indianapolis shall install and operate hooding systems for the blast furnace skip hoist and charging area, the blast furnace slag and lead tapping area, the casting area, the refining kettles, and the lead dust furnace charging area.

(B) The hooding systems required for the operations listed in clause (A) shall vent the emissions through a control device to one (1) of the four (4) stacks, M-1 through M-4.

(C) On or before June 1, 1987, Refined Metals of Indianapolis shall also install and operate enclosed screw conveyors to transport lead flue dusts to the lead dust furnace. **There shall be no visible emissions from the screw conveyors. Compliance shall be determined by 40 CFR 60, Appendix A, Method 22**.**

(D) ~~On or before April 1, 1992, Refined Metals of Indianapolis shall totally enclose~~ The ~~building~~ **buildings** housing the blast furnace, ~~and the~~ dust furnace, ~~Total enclosure~~ and **materials storage** shall be ~~demonstrated as follows:~~

~~(i) Access doors and windows in the total enclosure shall be closed during routine operations.~~

~~(ii) The interior of the total enclosure must operate at a lower pressure than its surroundings so that air flows into the enclosure at all natural draft openings.~~

~~(iii) The average air velocity through the natural draft openings shall be at least five hundred (500) feet per minute.~~

~~(iv) Sources of emissions shall be located at least four (4) times the opening area divided by the perimeter from each natural draft opening.~~

~~(v) The total area of all natural draft openings shall be less than five percent (5%) of the surface area of the total enclosure's four (4) walls, floor, and ceiling.~~

kept under continuous negative pressure by constant flow rate fans ducted to control devices.

(E) The company shall install and operate a continuous monitoring system to measure and record pressure differential to ensure that the materials storage building and the blast/dust furnace area are maintained under negative pressure while the plant is in operation. The monitoring system shall be located on the north wall of the materials storage building. It shall consist of a differential pressure sensor/transmitter, a processor, and a recording device. This system shall produce valid data ninety-five percent (95%) of the time when the plant is operating. Data generated by this monitoring system shall be kept available for inspection at the site for a period of two (2) years.

~~(E)~~ **(F)** The blast furnace and the dust furnace fugitive emissions shall be drawn from the enclosure by a constant flow rate fan to a control device. The control device shall vent to the atmosphere through the M-4 baghouse stack which shall be at least eighty (80) feet in height from ground level.

~~(F)~~ **(G)** Visible emissions from the M-1, M-2, M-3, and M-4 baghouse stacks ~~and from building ope ings~~ shall not exceed a six (6) minute average of ~~three percent (3%)~~ **five percent (5%)** opacity for each stack ~~and opening~~ as determined in accordance with 40 CFR ~~Part~~ 60, Appendix A, Method 9******.

(H) Visible emissions from building openings such as doors and windows shall not exceed a three (3) minute average of three percent (3%) opacity. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9, except that the opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals.**

~~(G)~~ **(I)** Refined Metals of Indianapolis shall install and operate continuous opacity ~~monitors (COM)~~ **monitoring** systems in the M-1 and the M-4 baghouse stacks ~~(COM)~~ **or in the ductwork leading to those stacks. COMS** data shall be used to determine compliance with the ~~three percent (3%)~~ **five percent (5%)** opacity ~~limits. The COMs shall be operated in accordance with the procedures specified in 326 IAC 3-1.1.~~ **limit required by clause (G). The COMS shall meet the performance and installation requirements of 40 CFR 60, Appendix B, Performance Specification 1**. The company shall also comply with the following:**

(i) A complete written standard operating procedure

(SOP) for COMS shall be submitted to the department for approval. The department shall complete the review of the COMS SOP within sixty (60) days of submittal. The COMS SOP shall contain, at minimum, complete step-by-step procedures for the following:

(AA) Calibration procedures.

(BB) Operation procedures.

(CC) Preventive maintenance procedures.

(DD) Quality control and quality assurance (QA) procedures.

(EE) Record keeping and reporting procedures.

(ii) The company shall perform quarterly COMS performance audits and notify the department fourteen (14) days in advance of each audit. The company shall submit quarterly COMS QA reports to the department within thirty (30) days following the end of the quarter. Each report shall summarize performance audit results and provide an explanation for periods of time during the quarter when valid data was not collected.

(iii) COMS excess emission reports shall be submitted to the department within thirty (30) days following the end of each calendar quarter. These reports shall contain, at minimum, the following:

(AA) The operating time of the monitored facilities.

(BB) The date and time each COMS recorded opacity measurements above the five percent (5%) opacity limit.

(CC) The date and time each COMS was inoperative or malfunctioning.

(DD) A description of the nature and cause of any excess emissions.

~~(H)~~ (J) Refined Metals of Indianapolis shall achieve compliance with clauses (D) through ~~(G)~~ (I) by ~~April 30, 1992.~~ March 1, 1994. In the event that the plant is idle on March 1, 1994, compliance with clauses (D) through (I) shall be achieved by the date the plant resumes production. Refined Metals shall notify the department thirty (30) days before production resumes to enable the department to make a compliance determination.

~~(I)~~ (K) Refined Metals of Indianapolis shall perform a stack test on the M-1, M-2, M-3, and M-4 baghouse stacks and demonstrate compliance with this subdivision by June 30, 1992. All subsequent stack tests shall be conducted utilizing the methodologies of 40 CFR 60, Appendix A, Methods 1, 2, 3, 4, 5, and 12**.

(L) Any violation of the National Ambient Air Quality Standards (NAAQS) shall result in an investigation by Refined Metals to determine the cause of the violation. Such an investigation shall be completed within ninety (90) days after the date the violation is confirmed. Refined Metals shall provide a corrective action plan to the department for approval within ninety (90) days of the confirmation of the violation. The plan shall specify the actions required to continuously meet the NAAQS. Refined Metals shall implement the plan upon approval by the department. The department may require a cessation in production, if needed, to assure continuous attainment of the NAAQS.

(2) Chrysler Corporation Foundry, Indianapolis	Cupola stack	0.550
	Cupola fugitive	1.894
(3) Delco Remy Division of General Motors Corporation, Muncie	Lead oxide mfg. stack (each of 5)	0.068
	Oxide grinder stack (each of 2)	0.123
	*Central tunnel system stack (each of 4)	0.254
	Reverberatory furnace stack	0.225
	O.S.I. drying oven stack (each of 4)	0.0015
	Electric melting pot stack	0.159

*On or before June 1, 1987, Delco Remy shall install ductwork to vent emissions from the vacuum cleaning lines through the control devices and stacks serving the Central Tunnel System.

(4) Indiana Oxide ~~and Chemical~~ Corporation, Brazil	Barton #1 reactor	0.215
	Barton #2 reactor	0.215
	Barton #3 reactor	0.215
	Barton #4 reactor	0.215
	Rake furnace	0.006
	Kiln #2	0.002
	*Franklin reactor	0.603

*Shall not operate more than 670 hours per quarter.

(5) U.S.S. Lead Refinery, East Chicago	*Blast furnace stack	0.002
	*Blast furnace fugitive	
	Charging	2.922
	Lead tapping	0.002
	Slag tapping	0.005
	*Refining kettles fugitive	0.0001
	*Casting fugitive	0.393
	*Reverberatory furnace fugitive	0.345

*Shall not operate more than 334 hours per quarter.

(6) Hammond Lead Products, Inc., HLP-Lead Plant	Stack 4A-S-8	0.053
	Stack 14-S-16	0.053
	Stack 1-S-2	0.053
	Stack 1-S-26	0.053
	Stack 16-S-56	0.200
	Stack 1-S-52	0.070
	Stack 1-S-27	0.020
	Stack 4-S-35	0.090
	Stack 6-S-33	0.070
	Stack 4B-S-34	0.080
	Stack 6-S-47	0.021
	Stack V-1	0.090
	Stack V-11	0.006

(A) The ventilator control system (Stack V-1) shall consist of a fan with a constant flow rate that draws air from the

building through a HEPA filter which vents to the atmosphere through a stack. The HEPA filters shall be maintained and operated in order to achieve maximum control efficiency. In addition to the requirements contained in subsection (c), Hammond Lead Products, Inc. shall submit an operation and maintenance plan by July 31, 1990, which incorporates good housekeeping practices for the ventilator control systems. This operation and maintenance plan shall be incorporated into the operating permits for Hammond Lead Products, Inc. and submitted to U.S. EPA as a revision to Indiana's lead state implementation plan by December 31, 1990. The ventilator control systems shall be designed such that process fugitive emissions will not routinely escape the buildings except as vented through the ventilator control systems. The compliance test method specified in section 4(a) of this rule shall be used to determine compliance with the emission limitations for the ventilator control system stacks.

(B) By December 31, 1989, the stack heights for all processes except Stack 16-S-56, Stack 1-S-52, and the ventilator control systems shall be no less than sixty (60) feet above grade; the stack heights for Stack 16-S-56 and Stack 1-S-52 shall be no less than eighty-two (82) feet above grade; and the stack height for Vent 11 shall be no less than thirty-five (35) feet above grade. By July 31, 1990, the stack heights for the other ventilator control systems shall be no less than sixty (60) feet above grade.

(C) Hammond Lead Products, Inc. shall install HEPA filters according to the following schedule:

Stack 4A-S-8	March 31, 1992
Stack 14-S-16	June 30, 1992
Stack 1-S-2	December 31, 1991
Stack 1-S-26	September 30, 1992
*Stack 16-S-56:	
130 bag filter	November 20, 1989
100 bag filter	December 6, 1989
80 bag filter	June 1, 1989
72 bag filter	December 31, 1991
Stack 1-S-52	December 31, 1989
Stack 1-S-27	August 15, 1987
Stack 4-S-35	October 16, 1989
Stack 6-S-33	July 22, 1988
Stack 4B-S-34	October 5, 1989
Stack 6-S-47	May 26, 1988

*Four (4) bag filters are vented through common Stack 16-S-56.

(D) Hammond Lead Products, Inc. shall provide written notification to the commissioner within three (3) days after the installation of HEPA filters is completed at each of the sites listed in clause (A).

(E) All emissions limitations in this subdivision shall be met by December 31, 1992.

(F) This subdivision shall be submitted to the U.S. EPA as a revision to the Indiana state implementation plan.

TITLE 326 AIR POLLUTION CONTROL BOARD

LSA Document #98-112(F)

DIGEST

Amends 326 IAC 15-1-2 to revise lead emission limitations for Hammond Group-Halstab Division in Lake County, Indiana. Effective 30 days after filing with the secretary of state.

HISTORY

First Notice of Comment Period: November 1, 1996, Indiana Register (20 IR 633).

Second Notice of Comment Period: January 1, 1998, Indiana Register (21 IR 1502).

Date of First Hearing: May 6, 1998.

Proposed Rule, Third Notice of Comment Period, and Notice of Second Hearing: June 1, 1998, Indiana Register (21 IR 3431).

Date of Second Hearing: September 2, 1998.

326 IAC 15-1-2

SECTION 1. 326 IAC 15-1-2 IS AMENDED TO READ AS FOLLOWS:

326 IAC 15-1-2 Source-specific provisions

Authority: IC 13-14-8; IC 13-17-3-4
Affected: IC 13-17

Sec. 2. (a)

(7) Hammond	[1]~~Stack~~ **Stack** S-1	~~1.000~~ **0.04**
~~Lead~~	**Stack S-2**	**0.03**
~~Products, Inc.~~	Stacks S-4, S-5 (each)	~~0.100~~ **0.07**
Group-	Stacks S-6, S-7, S-8 (each)	~~0.120~~ **0.05**
Halstab Division	[2]~~Stacks~~ **Stacks** S-9, S-10, S-11 (each)	~~0.120~~ **0.04**
	[3]~~Stacks~~ S-12, S-13 (each)	~~0.120~~ **0.04**
	[4]~~Stacks~~ S-14, **S-15,** S-16 (each)	~~0.120~~ **0.04**
	[5]~~Stack S-15~~	~~0.120~~
	~~Stack~~ **Stacks** S-17, **S-21 (each)**	~~0.100~~ **0.07**

[1]~~Shall not operate more than 166.5000 hours per quarter~~
[2]~~Shall not operate more than 625 hours per quarter per stack~~
[3]~~Shall not operate more than 250 hours per quarter per stack~~
[4]~~Shall not operate more than 1,000 hours per quarter per stack~~
[5]~~Shall not operate more than 1,500 hours per quarter~~

(A) Hammond Group-Halstab Division shall install and maintain one (1) baghouse with laminated filters followed by one (1) HEPA filter unit in series with the baghouse on each of stacks S-1, S-2, S-4 through S-17, and S-21.

(B) Hammond Group-Halstab Division shall submit a proposed ambient monitoring and quality assurance plan within thirty (30) days of the effective date of this rule.

(C) Hammond Group-Halstab Division shall commence ambient monitoring within thirty (30) days of the department's approval of the proposed ambient monitoring and quality assurance plan.

(D) Hammond Group-Halstab Division shall conduct a minimum of twenty-four (24) months of ambient monitoring for lead. The ambient monitoring shall be:

(i) performed using U.S. EPA-approved methods, procedures, and quality assurance programs; and

(ii) in accordance with the ambient monitoring and quality assurance plan as approved by the department.

(E) The requirement to monitor shall expire twenty-four (24) months from the commencement date of the monitoring provided that monitored values, averaged over a calendar quarter, do not exceed eighty percent (80%) of the National Ambient Air Quality Standards (NAAQS) level for lead in any quarter during the twenty-four (24) months.

(F) If the monitored values averaged over a calendar quarter exceed eighty percent (80%) of the NAAQS level for lead during the twenty-four (24) month period, monitoring shall be continued until eight (8) continuous quarters of monitored values do not exceed eighty percent (80%) of the NAAQS level for lead.

(G) If the monitored values, averaged over a calendar quarter, exceed eighty percent (80%) of the NAAQS level for lead for two (2) or more continuous quarters, the department and Hammond Group-Halstab Division shall analyze and assess causes of the emissions and determine whether changes to control requirements or operating practices are appropriate.

Copies of the Code of Federal Regulations (CFR) ~~referenced in 326 IAC 15-1~~ may be obtained from the Government Printing Office, Washington, D.C. 20402 or ~~from~~ **are available for copying at the Indiana Department of Environmental Management, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana 46206-6015. *(Air Pollution Control Board; 326 IAC 15-1-2; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2564; errata filed Jul 6, 1988, 1:00 p.m.: 11 IR 3921; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1850; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2203; filed Dec 17, 1992, 5:00 p.m.: 16 IR 1379; errata filed Mar 10, 1993, 5:00 p.m.: 16 IR 1832; filed Mar 28, 1994, 5:00 p.m.: 17 IR 1878; errata, 17 IR 2080; filed May 31, 1994, 5:00 p.m.: 17 IR 2233; errata filed Jun 10, 1994, 5:00 p.m.: 17 IR 2356; filed Jan 6, 1999, 4:23 p.m.: 22 IR 1427)*

LSA Document #98-112(F)
Proposed Rule Published: June 1, 1998; 21 IR 3431
Hearing Held: September 2, 1998
Approved by Attorney General: December 16, 1998
Approved by Governor: January 5, 1999
Filed with Secretary of State: January 6, 1999, 4:23 p.m.
Incorporated Documents Filed with Secretary of State: None

(8)	~~RSR~~	~~Main smelter stack~~	~~0.805~~
	Quemetco,	~~Refinery kettle baghouse stack~~	~~0.003~~
	Inc.,	~~Kettle sanitary baghouse stack~~	~~0.001~~
	Indianapolis	~~Fugitives~~	
		~~Reverberatory furnace~~	~~0.177~~
		~~Refinery kettles~~	~~0.0001~~
		~~Casting~~	~~0.001~~
		~~Electric arc furnace~~	~~0.016~~
		Stack 100	**1.000**
		Stack 101	**0.015**
		~~Stack 101~~	**0.015**
		Stack 102	**0.015**
		Stack 103	**0.015**
		Stack 104	**0.015**
		Stack 105	**0.015**
		Stack 106	**0.015**
		Stack 107	**0.015**
		Stack 108	**0.015**
		Stack 110	**0.015**

(A) Fugitive emissions from ~~charging of~~ the reverberatory **furnace, electric arc furnace, casting operations, and refinery kettles** shall be controlled ~~with an enclosed conveyor system designed to achieve a capture efficiency of at least ninety-nine percent (99%).~~ as follows:

(i) When the plant is operating, the interior of the building must operate at a lower pressure than its surroundings so that air flows into the building at all openings.

(ii) The company shall install and operate a monitoring system which will measure pressure differential to ensure that the building is maintained under negative pressure while the plant is in operation. This monitoring system shall be located on the east wall of the building or at such permanent location as shall be approved in writing at a prior time by both the U.S. EPA and IDEM. It shall consist of a differential

pressure sensor, a processor, and a continuous recording device. This system shall produce valid data ninety-five percent (95%) of the time when the plant is operating. Data generated by this monitoring system shall be kept available for inspection at the site for a period of two (2) years.

(B) Fugitive emissions from ~~the refinery kettles~~ shall be ~~controlled by a system designed to achieve a capture efficiency of at least ninety-nine percent (99%).~~ within the building vented to the atmosphere through HEPA filters which serve several different work areas or through process control devices and then to the atmosphere through the main process stack that at least one hundred sixty-five (165) feet above ground level. Visible emissions from all building openings such as doors and windows shall not exceed a three (3) minute average of three percent (3%) opacity. Compliance with this limitation shall be determined by 40 CFR 60, Appendix A, Method 9**, except that the opacity standard shall be determined as an average of twelve (12) consecutive observations recorded at fifteen (15) second intervals. Visible emissions from the HEPA filter exhausts shall not exceed an average of three percent (3%) opacity as determined in accordance with 40 CFR 60, Appendix A, Method 9**.

(C) ~~Fugitive emissions from casting shall be controlled by a system designed to achieve a capture efficiency of at least ninety percent (90%).~~ The opacity limit for the main process stack (Stack 100) shall be ten percent (10%) as determined in accordance with 40 CFR 60, Appendix A, Method 9**. Quemetco, Inc. shall operate a continuous opacity monitoring system for the main process stack. Continuous opacity monitoring system data shall be used to determined compliance. The continuous opacity monitoring system shall meet the performance, installation, and operational requirements of 40 CFR 60, Appendix B, Performance Specification 1**. A continuous opacity monitoring system quality assurance plan which shall include a requirement for quarterly performance audits shall be submitted to the department for approval.

(D) ~~Fugitive emissions from the electric arc furnace shall be controlled by a system designed to achieve a capture efficiency of at least ninety-five percent (95%).~~ Continuous opacity excess emissions reports shall be submitted to IDEM within thirty (30) days following the end of each calendar quarter. These reports shall contain, at minimum:

(i) The operating time of the monitored facilities.

(ii) The date and time the continuous opacity monitoring system recorded opacity measurements above the ten percent (10%) limit.

(iii) The date and time that the continuous opacity monitoring system was inoperative or malfunctioning.

(iv) A description of the nature and cause of any excess emissions.

(E) Quemetco, Inc. shall demonstrate compliance with the lead emissions limitation for the main process stack (Stack 100) utilizing the methodologies of 40 CFR 60, Appendix A, Methods 1, 2, 3, 4, 5, and 12**.

(F) Quemetco, Inc. shall achieve compliance with clauses (A) through (E) according to the following schedule:

(i) Complete installation of the continuous opacity monitoring system on main process stack (Stack 100) by January 1, 1994.

(ii) Perform a stack test on main process stack (Stack 100) and demonstrate compliance with this subdivision by April 1, 1994.

(iii) Complete installation of the negative pressure monitoring system by June 1, 1994.

(iv) Submit a continuous opacity monitoring system quality assurance plan to the department for approval by June 1, 1994.

(G) Quemetco, Inc. shall submit a written statement providing evidence to the commissioner within thirty (30) days of each applicable date specified in clause (F) that the requirements of this subdivision have been met.

(b) In addition to the sources listed in subsection (a), the following sources shall comply with subsection (c) and section 3 of this rule:

(1) Exide Corporation, Logansport.

(2) C & D Batteries, Attica.

(3) Exide Corporation, Frankfort.

**Copies of the Code of Federal Regulations (CFR) referenced in 326 IAC 15-1 may be obtained from the Government Printing Office, Washington, D.C. 20402 or from the Indiana Department of Environmental Management, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana 46206-6015. *(Air Pollution Control Board; 326 IAC 15-1-2; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2564; errata filed Jul 6, 1988, 1:00 p.m.: 11 IR 3921; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1850; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2203; filed Dec 17, 1992, 5:00 p.m.: 16 IR 1379; errata filed Mar 10, 1993, 5:00 p.m.: 16 IR 1832; filed Mar 28, 1994, 5:00 p.m.: 17 IR 1878)*

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Hearing Held: March 10, 1994
Approved by Attorney General: March 23, 1994
Approved by Governor: March 25, 1994
Filed with Secretary of State: March 28, 1994, 5:00 p.m.
Incorporated Documents Filed with Secretary of State: 40 CRF 60, Appendix A, Method 1 - Sample and Velocity Traverses for Stationary Sources; 40 CFR 60, Appendix A, Method 2 - Determination of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube); 40 CFR 60, Appendix A, Method 3 - Gas Analysis for the Determination of Dry Molecular Weight; 40 CFR 60, Appendix A, Method 4 - Determination of Moisture Content in Stack Gases; 40 CFR 60, Appendix A, Method 5 - Determination of Particulate Emissions from Stationary Sources; 40 CFR 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources; 40 CFR 60, Appendix A, Method 12 - Determination of Inorganic Lead Emissions from Stationary Sources; 40 CFR 60, Appendix A, Method 22 - Visual Determination of Fugitive Emissions from Material Sources and Smoke Emissions from Flares; 40 CFR 60, Appendix B, Performance Specification 1 - Specifications and Test Procedures for Opacity Continuous Emissions Monitoring Systems in Stationary Sources.

TITLE 326 AIR POLLUTION CONTROL BOARD

LSA Document #00-68(F)

DIGEST

Amends 326 IAC 15-1-2 concerning source-specific provisions for the control of lead emissions. Amends 326 IAC 15-1-3 concerning control of fugitive lead dust. Adds 326 IAC 20-13 concerning national emissions standards for hazardous air pollutants (NESHAP) for secondary lead smelters. Effective 30 days after filing with the secretary of state.

HISTORY

First Notice of Comment Period: August 1, 1996, Indiana Register (19 IR 3219).

Second Notice of Comment Period and Notice of First Hearing: April 1, 1999, Indiana Register (22 IR 2342).

Notice of Rescheduled Hearing: June 1, 1999, Indiana Register (22 IR 2893).

Notice of Rescheduled Hearing: August 1, 1999, Indiana Register (22 IR 3498).

Notice of Rescheduled Hearing: October 1, 1999, Indiana Register (23 IR 38).

Notice of Hearing: January 1, 2000, Indiana Register (23 IR 833).

Date of First Hearing: February 2, 2000.

Third Notice of Comment Period and Notice of Second Hearing: April 1, 2000, Indiana Register (23 IR 1678).

Second Hearing: June 7, 2000

326 IAC 15-1-2
326 IAC 15-1-3
326 IAC 20-13

SECTION 1. 326 IAC 15-1-2 IS AMENDED TO READ AS FOLLOWS:

326 IAC 15-1-2 Source-specific provisions

Authority: IC 13-14-8; IC 13-17-3-4
Affected: IC 13-17

(c) Operation and maintenance programs shall be designed to prevent deterioration of control equipment performance. For sources listed in subsection (a)(1) through (a)(7), these programs shall be submitted to the department of environmental management, office of air management, on or before June 1, 1987. For sources listed in ~~subsections (a)(8) through~~ **subsection** (b), these programs shall be submitted to the office of air management on or before February 1, 1988. These programs will be incorporated into the individual source operation permits.

**Copies of the Code of Federal Regulations (CFR) may be obtained from the Government Printing Office, Washington, D.C. 20402 or are available for copying at the Indiana Department of Environmental Management, Office of Air Management, Indiana Government Center-North, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana 46206-6015. *(Air*

Pollution Control Board; 326 IAC 15-1-2; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2564; errata filed Jul 6, 1988, 1:00 p.m.: 11 IR 3921; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1850; filed Aug 8, 1991, 10:00 a.m.: 14 IR 2203; filed Dec 17, 1992, 5:00 p.m.: 16 IR 1379; errata filed Mar 10, 1993, 5:00 p.m.: 16 IR 1832; filed Mar 28, 1994, 5:00 p.m.: 17 IR 1878; errata, 17 IR 2080; filed May 31, 1994, 5:00 p.m.: 17 IR 2233; errata filed Jun 10, 1994, 5:00 p.m.: 17 IR 2356; filed Jan 6, 1999, 4:23 p.m.: 22 IR 1427; filed Dec 1, 2000, 2:22 p.m.: 24 IR 954)

SECTION 2. 326 IAC 15-1-3 IS AMENDED TO READ AS FOLLOWS:

326 IAC 15-1-3 Control of fugitive lead dust

Authority: IC 13-14-8; IC 13-17-3-4
Affected: IC 13-11; IC 13-17

Sec. 3. All sources listed in section 2 of this rule shall comply with the following requirements:

(1) No source shall create or maintain outdoor storage of bulk materials containing more than one percent (1.0%) lead by weight of less than two hundred (200) mesh size particles.

(2) All materials containing more than one percent (1.0%) lead by weight of less than two hundred (200) mesh size particles shall be transported in closed containers or shall be transported by enclosed conveying systems that are vented to the atmosphere through particulate matter control equipment or shall be transported wet.

(3) Control programs shall be designed to minimize emissions of lead from all nonprocess fugitive emission points. The programs shall include good housekeeping practices for the cleanup of spills and for minimizing emissions from loading and unloading areas as applicable. For sources listed in section ~~2(a)(1) through 2(a)(7)~~ **2(a)** of this rule, these programs shall be submitted to the department of environmental management, office of air management, on or before June 1, 1987. For sources listed in section ~~2(a)(8) through~~ 2(b) of this rule, these programs shall be submitted to the department of environmental management, office of air management, on or before February 1, 1988. These programs will be incorporated into the individual source operation permits.

(Air Pollution Control Board; 326 IAC 15-1-3; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2566; errata filed Jul 6, 1988, 1:00 p.m.: 11 IR 3921; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1853; filed Dec 1, 2000, 2:22 p.m.: 24 IR 958)

15-1-4 Compliance

(a) Determination of compliance with the lead emission limitations established pursuant to section 2 of this rule shall be made in accordance with the procedures outlined in 40 C.F.R. 60, Appendix A, Method 12,* and 326 IAC 3-2, Source Sampling Procedures.

(b) Those sources having restricted operating hours specified in section 2 of this rule shall be as follows:

(1) Maintain logs indicating hours of operation each day.

(2) Submit quarterly summaries of operating logs to the department of environmental management, office of air management, before the end of the month following the completed quarter.

*Copies of the Code of Federal Regulations (C.F.R.) 60 referenced in this section may be obtained from the Government Printing Office, Washington, D.C. 20402, or from the Department of Environmental Management, Office of Technical Assistance, 105 South Meridian Street, Indianapolis, Indiana 46225. *(Air Pollution Control Board; 326 IAC 15-1-4; filed Mar 10, 1988, 1:20 p.m.: 11 IR 2567; filed Jun 14, 1989, 5:00 p.m.: 12 IR 1854)*