

ARTICLE 20. HAZARDOUS AIR POLLUTANTS

Rule 1.	General Provisions
Rule 2.	Accidental Releases
Rule 3.	Emission Standards for Hazardous Air Pollutants for Coke Oven Batteries
Rule 4.	Emission Standard for Hazardous Air Pollutants for Industrial Process Cooling Towers
Rule 5.	Ethylene Oxide Commercial Sterilization and Fumigation Facilities
Rule 6.	Halogenated Solvent Cleaning
Rule 7.	Perchloroethylene Dry Cleaning Facilities
Rule 8.	Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks
Rule 9.	Magnetic Tape Manufacturing Operations
Rule 10.	Bulk Gasoline Distribution Facilities
Rule 11.	Synthetic Organic Chemical Manufacturing Industries
Rule 12.	Processes Subject to the Negotiated Regulation for Equipment Leaks
Rule 13.	Secondary Lead Smelters
Rule 13.1.	Secondary Lead Smelters
Rule 14.	Wood Furniture Manufacturing Operations
Rule 15.	Aerospace Manufacturing and Rework Facilities
Rule 16.	Petroleum Refineries
Rule 17.	Marine Tank Vessel Loading Operations
Rule 18.	Printing and Publishing Operations
Rule 19.	Group I Polymers and Resins
Rule 20.	Epoxy Resins and Non-Nylon Polyamides
Rule 21.	Group IV Polymers and Resins
Rule 22.	Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production
Rule 23.	Off-Site Waste and Recovery Operations
Rule 24.	Primary Aluminum Reduction Plants
Rule 25.	Emissions from Reinforced Plastics Composites Fabricating Emission Units (Repealed)
Rule 26.	Shipbuilding and Ship Repair Surface Coating Operations
Rule 27.	Portland Cement Manufacturing Industry
Rule 28.	Hazardous Waste Combustors
Rule 29.	Hydrochloric Acid Steel Pickling and Regeneration Plants
Rule 30.	Oil and Natural Gas Production
Rule 31.	Natural Gas Transmission and Storage
Rule 32.	Publicly Owned Treatment Works
Rule 33.	Pulp and Paper Production; Noncombustion
Rule 34.	Phosphoric Acid Manufacturing and Phosphate Fertilizers Production
Rule 35.	Tanks—Level 1
Rule 36.	Containers
Rule 37.	Surface Impoundments
Rule 38.	Individual Drain Systems
Rule 39.	Closed Vent Systems, Control Devices, Recovery Devices, and Routing to a Fuel Gas System or a Process
Rule 40.	Equipment Leaks—Control Level 1
Rule 41.	Equipment Leaks—Control Level 2
Rule 42.	Oil-Water Separators and Organic-Water Separators
Rule 43.	Storage Vessels (Tanks)—Control Level 2
Rule 44.	Generic Maximum Achievable Control Technology
Rule 45.	Pesticide Active Ingredient
Rule 46.	Mineral Wool Production
Rule 47.	Wool Fiberglass Manufacturing

HAZARDOUS AIR POLLUTANTS

Rule 48.	Emission Standards for Hazardous Air Pollutants for Boat Manufacturing
Rule 49.	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semicheical Pulp Mills
Rule 50.	Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units
Rule 51.	Manufacturing of Nutritional Yeast
Rule 52.	Wet-Formed Fiberglass Mat Production
Rule 53.	Leather Finishing Operations
Rule 54.	Cellulose Products Manufacturing
Rule 55.	Rubber Tire Manufacturing
Rule 56.	Reinforced Plastic Composites Production
Rule 57.	Pharmaceuticals Production
Rule 58.	Amino and Phenolic Resins
Rule 59.	Polyether Polyols Production
Rule 60.	Solvent Extraction for Vegetable Oil Production
Rule 61.	Semiconductor Manufacturing
Rule 62.	Refractory Products Manufacturing
Rule 63.	Surface Coating of Large Appliances
Rule 64.	Surface Coating of Metal Coil
Rule 65.	Paper and Other Web Coating
Rule 66.	Flexible Polyurethane Foam Fabrication Operations
Rule 67.	Municipal Solid Waste Landfills
Rule 68.	Friction Material Manufacturing Facilities
Rule 69.	Polyvinyl Chloride and Copolymers Production
Rule 70.	Secondary Aluminum
Rule 71.	Asphalt Processing and Asphalt Roofing
Rule 72.	Brick and Structural Clay Products
Rule 73.	Clay Ceramics Manufacturing
Rule 74.	Coke Ovens: Pushing, Quenching, and Battery Stacks
Rule 75.	Engine Test Cells/Standards
Rule 76.	Hydrochloric Acid Production
Rule 77.	Printing, Coating, and Dyeing of Fabrics and Other Textiles
Rule 78.	Surface Coating of Metal Furniture
Rule 79.	Surface Coating of Wood Building Products
Rule 80.	Surface Coating of Miscellaneous Metal Parts and Products
Rule 81.	Surface Coating of Plastic Parts and Products
Rule 82.	Stationary Reciprocating Internal Combustion Engines
Rule 83.	Organic Liquid Distribution (Non-Gasoline)
Rule 84.	Miscellaneous Organic Chemical Manufacturing
Rule 85.	Surface Coating of Automobiles and Light-Duty Trucks
Rule 86.	Surface Coating of Metal Cans
Rule 87.	Site Remediation
Rule 88.	Miscellaneous Coating Manufacturing
Rule 89.	Coal-Fired and Oil-Fired Electric Utility Steam Generating Units
Rule 90.	Stationary Combustion Turbines
Rule 91.	Lime Manufacturing Plants
Rule 92.	Iron and Steel Foundries
Rule 93.	Integrated Iron and Steel Manufacturing
Rule 94.	Mercury Cell Chlor-Alkali Plants
Rule 95.	Industrial, Commercial, and Institutional Boilers and Process Heaters

Rule 1. General Provisions

326 IAC 20-1-1	Incorporation of federal regulations
326 IAC 20-1-2	Applicability
326 IAC 20-1-3	Definitions
326 IAC 20-1-4	More stringent limitations

326 IAC 20-1-1 Incorporation of federal regulations

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. The following federal regulations are incorporated by reference:

- (1) 40 CFR 63, Subpart A*, concerning general provisions for emission standards for hazardous air pollutants.
- (2) 40 CFR 63, Subpart C*, concerning the list of hazardous air pollutants, petitions process, lesser quantity designations, and source category list.

*These documents are incorporated by reference. Copies may be obtained from the Government Publishing Office, www.gpo.gov, or are available for review at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, 100 North Senate Avenue, Thirteenth Floor, Indianapolis, IN 46204. (*Air Pollution Control Division; 326 IAC 20-1-1; filed May 25, 1994, 11:00 a.m.: 17 IR 2282; errata filed May 25, 1994, 11:10 a.m.: 17 IR 2358; filed Nov 1, 1995, 8:30 a.m.: 19 IR 340; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; filed May 21, 2002, 10:20 a.m.: 25 IR 3089; filed Sep 20, 2023, 4:27 p.m.: [20231018-IR-326230029FRA](#)*)

326 IAC 20-1-2 Applicability

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 2. (a) The provisions of this rule shall apply to any source or facility for which a standard is prescribed under this article unless otherwise specified in individual standards.

(b) The provisions of this rule do not apply to regulations developed for accidental releases unless otherwise specified in those standards. (*Air Pollution Control Division; 326 IAC 20-1-2; filed Nov 1, 1995, 8:30 a.m.: 19 IR 340; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477*)

326 IAC 20-1-3 Definitions

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 3. (a) For the purposes of this article, the definitions listed in 40 CFR 63.2* shall apply with the exception of subsection (b).

(b) The following definitions shall be substituted for the terms from 40 CFR 63.2*:

- (1) "Administrator" means the commissioner of the department of environmental management.
- (2) "Permitting authority" means the commissioner of the department of environmental management.
- (3) "U.S. Environmental Protection Agency" or "U.S. EPA" means the department of environmental management.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-1-3; filed Nov 1, 1995, 8:30 a.m.: 19 IR 340; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; filed May 21, 2002, 10:20 a.m.: 25 IR 3089*)

326 IAC 20-1-4 More stringent limitations

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

HAZARDOUS AIR POLLUTANTS

Sec. 4. If emission limitations included in this article conflict with, or are inconsistent with, any other emission limitations established in this title, the more stringent limits shall apply. (*Air Pollution Control Division; 326 IAC 20-1-4; filed Nov 1, 1995, 8:30 a.m.: 19 IR 341; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477*)

Rule 2. Accidental Releases

[326 IAC 20-2-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-2-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to stationary sources that have more than a threshold quantity of a regulated substance in a process as determined under subsection (b).

(b) The air pollution control board incorporates by reference 40 CFR 68, Subparts A through H*, that establishes a list of regulated substances and thresholds, and the requirements for owners or operators of stationary sources concerning the prevention of accidental releases, with the exception of Section 68.120 concerning administrator discretion to add or delete listed regulated substances.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-2-1; filed Nov 1, 1995, 8:30 a.m.: 19 IR 341; filed Nov 20, 2000, 3:25 p.m.: 24 IR 953; filed May 21, 2002, 10:20 a.m.: 25 IR 3090*)

Rule 3. Emission Standards for Hazardous Air Pollutants for Coke Oven Batteries

[326 IAC 20-3-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-3-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) The provisions of this rule apply to existing and new byproduct coke oven batteries and to existing nonrecovery coke oven batteries used to manufacture coke, including those located at a coke plant, an integrated steel mill, or a foundry.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart L*, Emission Standards for Hazardous Air Pollutants for Coke Oven Batteries, with the exception of the following sections:

- (1) 40 CFR 63.302(d)*, concerning alternative standards for byproduct coke oven batteries.
- (2) 40 CFR 63.304(b)(6)*, concerning administrator approval of idle batteries.
- (3) 40 CFR 63.305(b)*, 63.305(d)*, and 63.305(e)*, concerning alternative standards for coke oven doors.
- (4) 40 CFR 63.307(d)*, concerning alternative standards for bypass/bleeder stacks*.
- (5) Section 2 of Method 303 in Appendix A of Subpart L*, concerning observer certification.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Office of Air Quality, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-3-1; filed Nov 1, 1995, 8:30 a.m.: 19 IR 341; filed May 21, 2002, 10:20 a.m.: 25 IR 3090*)

Rule 4. Emission Standard for Hazardous Air Pollutants for Industrial Process Cooling Towers

[326 IAC 20-4-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-4-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) The provisions of this rule apply to all new and existing industrial process cooling towers that are operated with chromium-based water treatment chemicals which are either major sources or are integral parts of facilities that are major sources as defined in 326 IAC 2-7-1(22)(A).

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart Q*, National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Office of Air Quality, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-4-1; filed Sep 14, 1995, 9:00 a.m.: 19 IR 206; filed May 21, 2002, 10:20 a.m.: 25 IR 3090; errata filed Jan 2, 2013, 2:19 p.m.: [20130123-IR-326130002ACA](#)*)

Rule 5. Ethylene Oxide Commercial Sterilization and Fumigation Facilities

[326 IAC 20-5-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-5-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to commercial sterilization and fumigation operations using ethylene oxide as provided in 40 CFR 63.360*.

(b) As provided in 40 CFR 63.360*, this rule does not apply to the following:

(1) Beehive fumigators.

(2) Research or laboratory facilities as defined in Section 112(c)(7) of the Clean Air Act Amendments of 1990.

(3) Ethylene oxide sterilization operations, as defined in 40 CFR 63.361*, at stationary sources, such as hospitals, doctors' offices, clinics, or other facilities whose primary purpose is to provide medical services to humans or animals.

(c) The air pollution control board incorporates by reference 40 CFR 63, Subpart O*, Ethylene Oxide Emissions Standards for Sterilization Facilities.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-5-1; filed May 12, 1997, 10:00 a.m.: 20 IR 2759; filed May 21, 2002, 10:20 a.m.: 25 IR 3091*)

Rule 6. Halogenated Solvent Cleaning

[326 IAC 20-6-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-6-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) The provisions of this rule apply to each new and existing batch vapor, in-line vapor, and in-line cold and batch cold solvent cleaning machine that uses any solvent containing:

(1) methylene chloride (CAS No. 75-09-2);

(2) perchloroethylene (CAS No. 127-18-4);

(3) trichloroethylene (CAS No. 79-01-6);

(4) 1,1,1-trichloroethane (CAS No. 71-55-6);

(5) carbon tetrachloride (CAS No. 56-23-5);

(6) chloroform (CAS No. 67-66-3); or

(7) any combination of these halogenated HAP solvents;

in a total concentration greater than five percent (5%) by weight as a cleaning or drying agent. The provisions of this rule do not apply

to wipe cleaning activities, such as using a rag containing halogenated solvent or a spray cleaner containing halogenated solvent.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart T*, National Emission Standards for Hazardous Air Pollutants for Halogenated Solvent Cleaning, with the exception of the following sections:

- (1) 40 CFR 63.463(d)(9)*, Alternative maintenance practices; and
- (2) 40 CFR 63.469*, Equivalent methods of control.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-6-1; filed Jan 25, 1996, 5:00 p.m.: 19 IR 1324; errata filed Feb 8, 1996, 5:30 p.m.: 19 IR 1373; errata filed Mar 11, 1996, 4:10 p.m.: 19 IR 1568; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; filed May 21, 2002, 10:20 a.m.: 25 IR 3091*)

Rule 7. Perchloroethylene Dry Cleaning Facilities

[326 IAC 20-7-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-7-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the owner or operator of each dry cleaning facility, as defined in 40 CFR 63.321*, that uses perchloroethylene (PCE) chemicals in the dry cleaning process.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart M*, National Emission Standards for Hazardous Air Pollutants for Source Categories: Perchloroethylene Dry Cleaning Facilities.

(c) Major sources, as defined in 326 IAC 2-7-1(22), subject to the provisions of this rule are also subject to the requirements of 326 IAC 2-7.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-7-1; filed Nov 1, 1995, 8:30 a.m.: 19 IR 342; filed May 12, 1997, 10:00 a.m.: 20 IR 2759; filed May 21, 2002, 10:20 a.m.: 25 IR 3091*)

Rule 8. Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks

[326 IAC 20-8-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-8-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) The provisions of this rule apply to each chromium electroplating or chromium anodizing tank at facilities performing:

- (1) hard chromium electroplating;
- (2) decorative chromium electroplating; or
- (3) chromium anodizing.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart N*, National Emission Standards for Chromium Emissions from Hard and Decorative Electroplating and Anodizing Tanks.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-8-1; filed December 1, 1995, 10:00 a.m.: 19 IR 659; filed Jul 23, 1998, 4:41 p.m.: 21 IR 4521; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; filed May 21, 2002, 10:20 a.m.: 25 IR 3092; filed Feb 25,*

2008, 2:12 p.m.: [20080326-IR-326070307FRA](#))

Rule 9. Magnetic Tape Manufacturing Operations

[326 IAC 20-9-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-9-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) This rule establishes emission limitations for operations involved in the manufacture of any flexible base substrate that is covered with a coating containing magnetic particles and that is used for any type of information storage such as audio and video recording.

(b) These provisions apply to each new and existing magnetic tape manufacturing operation located at a major source of hazardous air pollutant emissions. Research or laboratory facilities, as defined in 40 CFR 63.702*, are exempt from these emission standards.

(c) Applicable operations include, but are not limited to, the following:

(1) Solvent storage tanks.

(2) Mix preparation equipment.

(3) Coating operations.

(4) Waste handling devices.

(5) Particulate transfer operations.

(6) Wash sinks for cleaning removable parts.

(7) Cleaning involving the flushing of fixed lines.

(8) Wastewater treatment systems.

(9) Condenser vents associated with distillation and stripping columns in the solvent recovery area, but not including the vent on a condenser that is used as the add-on air pollution control device.

(d) The air pollution control board incorporates by reference 40 CFR 63, Subpart EE, National Emission Standards For Magnetic Tape Manufacturing Operations*.

(e) Major sources, as defined in 326 IAC 2-7-1(22), subject to the provisions of this rule are also subject to the requirements of 326 IAC 2-7.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-9-1; filed Jan 9, 1996, 5:00 p.m.: 19 IR 1325; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; filed May 21, 2002, 10:20 a.m.: 25 IR 3092*)

Rule 10. Bulk Gasoline Distribution Facilities

[326 IAC 20-10-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-10-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.420*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart R*, National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations).

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-10-1; filed Oct 5, 1999, 3:46 p.m.: 23 IR 300; filed May 21, 2002, 10:20 a.m.:*

25 IR 3093)

Rule 11. Synthetic Organic Chemical Manufacturing Industries

[326 IAC 20-11-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-11-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to chemical manufacturing process units as that term is defined in 40 CFR 63.101*, as provided in 40 CFR 63.100*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subparts F, G, and H, Sections 63.100 through 63.182*, national emission standards for organic hazardous air pollutants from the synthetic organic chemical manufacturing industry.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-11-1; filed Oct 19, 1998, 10:17 a.m.: 22 IR 752; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; filed May 21, 2002, 10:20 a.m.: 25 IR 3093*)

Rule 12. Processes Subject to the Negotiated Regulation for Equipment Leaks

[326 IAC 20-12-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-12-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to emissions of certain hazardous air pollutants from certain specified processes as provided in 40 CFR 63.190*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subparts H and I, Sections 63.160 through 63.193*, national emission standards for organic hazardous air pollutants for certain processes subject to the negotiated regulation for equipment leaks.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-12-1; filed Oct 19, 1998, 10:17 a.m.: 22 IR 752; readopted filed Jan 10, 2001, 3:20 p.m.: 24 IR 1477; filed May 21, 2002, 10:20 a.m.: 25 IR 3093*)

Rule 13. Secondary Lead Smelters

[326 IAC 20-13-1](#)

Applicability; incorporation by reference of federal standards (Repealed)

[326 IAC 20-13-2](#)

Emission limitations; lead standards for Quemetco, Incorporated (Repealed)

[326 IAC 20-13-3](#)

Emission limitations; lead standards for Exide Technologies, Inc. (Repealed)

[326 IAC 20-13-4](#)

Emission limitations; other secondary lead smelters (Repealed)

[326 IAC 20-13-5](#)

Operational and work practice standards (Repealed)

[326 IAC 20-13-6](#)

Compliance testing (Repealed)

[326 IAC 20-13-7](#)

Compliance requirements (Repealed)

[326 IAC 20-13-8](#)

Bag leak detection system requirements (Repealed)

[326 IAC 20-13-9](#)

Affirmative defense to civil penalties for exceedance of emissions limit during malfunction (Repealed)

326 IAC 20-13-1 Applicability; incorporation by reference of federal standards (Repealed)

HAZARDOUS AIR POLLUTANTS

Sec. 1. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Jan 6, 2014)*

326 IAC 20-13-2 Emission limitations; lead standards for Quemetco, Incorporated *(Repealed)*

Sec. 2. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Jan 6, 2014)*

326 IAC 20-13-3 Emission limitations; lead standards for Exide Technologies, Inc. *(Repealed)*

Sec. 3. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Oct 1, 2013)*

326 IAC 20-13-4 Emission limitations; other secondary lead smelters *(Repealed)*

Sec. 4. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Jan 6, 2014)*

326 IAC 20-13-5 Operational and work practice standards *(Repealed)*

Sec. 5. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Jan 6, 2014)*

326 IAC 20-13-6 Compliance testing *(Repealed)*

Sec. 6. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Jan 6, 2014)*

326 IAC 20-13-7 Compliance requirements *(Repealed)*

Sec. 7. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Jan 6, 2014)*

326 IAC 20-13-8 Bag leak detection system requirements *(Repealed)*

Sec. 8. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Jan 6, 2014)*

326 IAC 20-13-9 Affirmative defense to civil penalties for exceedance of emissions limit during malfunction *(Repealed)*

Sec. 9. *(Repealed by Air Pollution Control Division; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#), eff Jan 6, 2014)*

Rule 13.1. Secondary Lead Smelters

326 IAC 20-13.1-1	Applicability
326 IAC 20-13.1-2	Definitions
326 IAC 20-13.1-3	Emission limitations; lead standards for Exide Technologies, Incorporated
326 IAC 20-13.1-4	Emission limitations; lead standards for Quemetco, Incorporated
326 IAC 20-13.1-5	Emission limitations and operating provisions
326 IAC 20-13.1-6	Total enclosure requirements

HAZARDOUS AIR POLLUTANTS

326 IAC 20-13.1-7	Total enclosure monitoring requirements
326 IAC 20-13.1-8	Fugitive dust source requirements
326 IAC 20-13.1-9	Bag leak detection system requirements
326 IAC 20-13.1-10	Other requirements
326 IAC 20-13.1-11	Compliance testing
326 IAC 20-13.1-12	Compliance testing methods
326 IAC 20-13.1-13	Notification requirements
326 IAC 20-13.1-14	Record keeping and reporting requirements
326 IAC 20-13.1-15	Affirmative defense to civil penalties for exceedance of emissions limit during malfunction

326 IAC 20-13.1-1 Applicability

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) In accordance with the compliance schedule in subsection (c), this rule applies to the following affected emission units at all secondary lead smelters:

- (1) Blast, reverberatory, rotary, and electric furnaces.
- (2) Refining kettles.
- (3) Agglomerating furnaces.
- (4) Dryers.
- (5) Process fugitive emissions sources.
- (6) Buildings containing lead bearing materials.
- (7) Fugitive dust sources.

(b) This rule does not apply to primary lead smelters, lead refiners, or lead remelters.

(c) The owner or operator of a secondary lead smelter shall comply with this rule beginning on the applicable dates specified in the following schedule:

- | | |
|--|-----------------------------|
| (1) Except for Exide Technologies, Inc., Muncie, affected emission units constructed or reconstructed on or before May 19, 2011: | January 6, 2014 |
| (2) Compliance with section 3(c) of this rule for affected emission units constructed or reconstructed on or before May 19, 2011, at Exide Technologies, Inc., Muncie: | October 1, 2013 |
| (3) Except for the requirements of section 3(c) of this rule, compliance with this rule for affected emission units constructed or reconstructed on or before May 19, 2011, at Exide Technologies, Inc., Muncie: | January 6, 2014 |
| (4) All new emission units as defined in section 2 of this rule: | Effective date of this rule |

(d) The following general provisions of 40 CFR 63, Subpart A* as published in the 2012 edition* of the CFR apply to the owner or operator of a secondary lead smelter subject to this rule:

- (1) 40 CFR 63.1 through 40 CFR 63.5*.
- (2) 40 CFR 63.6(a) through 40 CFR 63.6(c)*.
- (3) 40 CFR 63.6(e)(1)(iii)*.
- (4) 40 CFR 63.6(g)*.
- (5) 40 CFR 63.6(i)* and 40 CFR 63.6(j)*.
- (6) 40 CFR 63.7(a) through 40 CFR 63.7(d)*.
- (7) 40 CFR 63.7(e)(2) through 40 CFR 63.7(e)(4)*.
- (8) 40 CFR 63.7(f) through 40 CFR 63.7(h)*.
- (9) 40 CFR 63.8(a)* and 40 CFR 63.8(b)*.
- (10) 40 CFR 63.8(c)(1)(ii)*.
- (11) 40 CFR 63.8(c)(2) through 40 CFR 63.8(c)(8)*.
- (12) 40 CFR 63.8(d)(1) and 40 CFR 63.8(d)(2)*.
- (13) 40 CFR 63.8(d)(3)*, except for a provision concerning the incorporation of the written procedures of a quality control

program into startup, shutdown, or malfunction plans.

- (14) 40 CFR 63.8(e) through 40 CFR 63.8(g)*.
- (15) 40 CFR 63.9(a) through 40 CFR 63.9(c)*.
- (16) 40 CFR 63.9(e)*.
- (17) 40 CFR 63.9(g)*.
- (18) 40 CFR 63.9(h)(1) through 40 CFR 63.9(h)(3)*.
- (19) 40 CFR 63.9(h)(5)* and 40 CFR 63.9(h)(6)*.
- (20) 40 CFR 63.9(i)* and 40 CFR 63.9(j)*.
- (21) 40 CFR 63.10(a)*.
- (22) 40 CFR 63.10(b)(1)*.
- (23) 40 CFR 63.10(b)(2)(iii)*.
- (24) 40 CFR 63.10(b)(2)(vi) through 40 CFR 63.10(b)(2)(xiv)*.
- (25) 40 CFR 63.10(b)(3)*.
- (26) 40 CFR 63.10(c)(1) through 40 CFR 63.10(c)(9)*.
- (27) 40 CFR 63.10(c)(12) through 40 CFR 63.10(c)(14)*.
- (28) 40 CFR 63.10(d)(1) through 40 CFR 63.10(d)(4)*.
- (29) 40 CFR 63.10(e)* and 40 CFR 63.10(f)*.
- (30) 40 CFR 63.12 through 40 CFR 63.15*.

(e) The owner or operator of a secondary lead smelter subject to this rule is also subject to Title V permitting requirements under 326 IAC 2-7.

(f) Emission standards in this rule apply at all times.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-1; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](https://www.indiana.gov/egis/web/egis/egis.nsf/00000000-0000-0000-0000-000000000000/20130227-IR-326110774FRA)*)

326 IAC 20-13.1-2 Definitions

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-11](#); [IC 13-15](#); [IC 13-17](#)

Sec. 2. In addition to the definitions in [IC 13-11](#), 326 IAC 1-2, and 326 IAC 20-1-3, the following definitions apply throughout this rule:

- (1) "Affected emission unit" means any of the following emission units at a secondary lead smelter:
 - (A) Blast, reverberatory, rotary, and electric furnaces.
 - (B) Refining kettles.
 - (C) Agglomerating furnaces.
 - (D) Dryers.
 - (E) Process fugitive emissions sources.
 - (F) Buildings containing lead-bearing materials.
 - (G) Fugitive dust sources.
- (2) "Affirmative defense" means, in the context of an enforcement proceeding, a response or defense put forward by a defendant, regarding which the defendant has the burden of proof, and the merits of which are independently and objectively evaluated in a judicial or administrative proceeding.
- (3) "Agglomerating furnace" means a furnace used to melt flue dust that is collected from a baghouse into a solid mass.
- (4) "Bag leak detection system" means an instrument that is capable of monitoring particulate matter loadings in the exhaust of a baghouse in order to detect bag failures. A bag leak detection system includes, but is not limited to, an instrument to monitor relative particulate matter loadings that operates on:
 - (A) triboelectric;
 - (B) light scattering; or
 - (C) transmittance.

HAZARDOUS AIR POLLUTANTS

- (5) "Battery breaking area" means the plant location at which lead-acid batteries are broken, crushed, or disassembled and separated into components.
- (6) "Blast furnace" means a smelting furnace consisting of a vertical cylinder atop a crucible, into which lead-bearing charge materials are introduced at the top of the furnace and combustion air is introduced through openings in the refractory lining and shell of the furnace at the bottom of the cylinder and that:
- (A) uses coke as a fuel source; and
 - (B) is operated at a temperature in the combustion zone of greater than nine hundred eighty (980) degrees Celsius so that that lead compounds are chemically reduced to elemental lead metal.
- (7) "Blast furnace charging location" means the physical opening through which raw materials are introduced into a blast furnace.
- (8) "Collocated blast furnace and reverberatory furnace" means operation at the same location of a blast furnace and a reverberatory furnace where the vent streams of the furnaces are mixed before cooling, with the volumetric flow rate discharged from the blast furnace being equal to or less than that discharged from the reverberatory furnace.
- (9) "Dryer" means a chamber that is heated and that is used to remove moisture from lead bearing materials before they are charged to a smelting furnace.
- (10) "Dryer transition equipment" means the junction between a dryer and the charge hopper or conveyor, or the junction between the dryer and the smelting furnace feed chute or hopper located at the ends of the dryer.
- (11) "Electric furnace" means a smelting furnace consisting of a vessel into which reverberatory furnace slag is introduced and that uses electrical energy to heat the reverberatory furnace slag to a temperature of greater than nine hundred eighty (980) degrees Celsius so that lead compounds are reduced to elemental lead metal.
- (12) "Fugitive dust source" means a stationary source of hazardous air pollutant emissions at a secondary lead smelter that is not associated with a specific process or process fugitive vent or stack. Fugitive dust sources include, but are not limited to, the following:
- (A) Roadways.
 - (B) Storage piles.
 - (C) Lead-bearing material handling transfer points.
 - (D) Lead-bearing material transport areas.
 - (E) Lead-bearing material storage areas.
 - (F) Other lead-bearing material process areas.
 - (G) Other lead-bearing material process buildings.
- (13) "Furnace and refining/casting area" means any area of a secondary lead smelter where:
- (A) smelting furnaces are located;
 - (B) refining operations occur; or
 - (C) casting operations occur.
- (14) "Lead alloy" means an alloy in which the predominant component is lead.
- (15) "Lead-bearing material" means material with a lead content equal to or greater than five (5) milligrams per liter (mg/l) as measured by United States Environmental Protection Agency (U.S. EPA) Method 1311 "Test Methods for Evaluating Solid Waste, Physical/Chemical Method", U.S. EPA Publication SW-846*. Under Method 1311, only materials with at least one hundred (100) parts per million (ppm) lead will be considered to be lead-bearing.
- (16) "Leeward wall" means the furthest exterior wall of a total enclosure that is opposite the windward wall.
- (17) "Maintenance activity" means any of the following routine maintenance and repair activities that could generate fugitive lead dust:
- (A) Replacement or repair of refractory, or any internal or external part of equipment used to process, handle, or control lead-containing materials.
 - (B) Replacement of any duct section used to convey lead-containing exhaust.
 - (C) Metal cutting or welding that penetrates the metal structure of any equipment, and its associated components, used to process lead-containing material so that lead dust within the internal structure or its components can become fugitive lead dust.
 - (D) Resurfacing, repair, or removal of ground, pavement, concrete, or asphalt.
- (18) "Materials storage and handling area" means any area of a secondary lead smelter where lead-bearing materials are

HAZARDOUS AIR POLLUTANTS

stored or handled between process steps including, but not limited to areas in which materials are stored in open piles, bins, or tubs, and areas in which material is prepared for charging to a smelting furnace. Lead-bearing materials in these areas include, but are not limited to, the following:

- (A) Broken battery components.
 - (B) Reverberatory furnace slag.
 - (C) Flue dust.
 - (D) Dross.
- (19) "Natural draft opening" means any permanent opening in an enclosure that:
- (A) remains open during operation of a secondary lead smelter; and
 - (B) is not connected to a duct in which a fan is installed.
- (20) "New emissions unit" means any affected emissions unit at a secondary lead smelter that was constructed or reconstructed after May 19, 2011. The term does not include a building that is constructed for the purpose of controlling fugitive emissions from an existing emissions unit.
- (21) "Partial enclosure" means a structure comprised of walls or partitions on at least three (3) sides or three-quarters (3/4) of the perimeter surrounding stored materials or process equipment to prevent the entrainment of particulate matter into the air.
- (22) "Pavement cleaning" means the use of vacuum equipment, water sprays, or a combination thereof to remove dust or other accumulated material from the paved areas of a secondary lead smelter.
- (23) "Plant roadway" means any area of a secondary lead smelter outside of a total enclosure that is subject to vehicle traffic, including traffic by forklifts, front-end loaders, or vehicles carrying whole batteries or cast lead ingots. The term does not include employee and visitor parking areas, provided they are not subject to traffic by vehicles carrying lead-bearing materials.
- (24) "Pressurized dryer breaching seal" means a seal system connecting the dryer transition pieces that is maintained at a higher pressure than the inside of the dryer.
- (25) "Process fugitive emissions source" means a source of hazardous air pollutant emissions at a secondary lead smelter that is associated with lead smelting or refining, but is not the primary exhaust stream from a smelting furnace, and is not a fugitive dust source. Process fugitive emissions sources include, but are not limited to, the following:
- (A) Smelting furnace charging points.
 - (B) Smelting furnace lead and slag taps.
 - (C) Refining kettles.
 - (D) Agglomerating furnaces.
 - (E) Drying kiln transition pieces.
- (26) "Process vent" means the following:
- (A) Furnace vents.
 - (B) Dryer vents.
 - (C) Agglomeration furnace vents.
 - (D) Vents from battery breakers.
 - (E) Vents from buildings containing lead-bearing material.
 - (F) Any ventilation system controlling lead emissions.
- (27) "Refining kettle" means an open-top vessel that is constructed of cast iron or steel and is indirectly heated from below and contains molten lead for the purpose of refining and alloying the lead, including the following:
- (A) Pot furnaces.
 - (B) Receiving kettles.
 - (C) Holding kettles.
- (28) "Reverberatory furnace" means a refractory-lined furnace that uses one (1) or more flames to heat the walls and roof of the furnace and lead-bearing scrap to a temperature of greater than nine hundred eighty (980) degrees Celsius so that lead compounds are chemically reduced to elemental lead metal.
- (29) "Rotary furnace," or "rotary reverberatory furnace" means a furnace consisting of a refractory-lined chamber that rotates about a horizontal axis and that uses one (1) or more flames to heat the walls of the furnace and lead-bearing scrap to a temperature of greater than nine hundred eighty (980) degrees Celsius so that lead compounds are chemically reduced

to elemental lead metal.

(30) "Secondary lead smelter" means any source where lead-bearing scrap material is recycled into elemental lead or lead alloys by smelting, including, but not limited to, lead-acid batteries.

(31) "Shutdown" means the period when no lead-bearing materials are being fed to the furnace and smelting operations have ceased during which the furnace is cooled from steady-state operating temperature to ambient temperature.

(32) "Smelting" means the chemical reduction of lead compounds to elemental lead or lead alloys through processing in high-temperature furnaces at a temperature of greater than nine hundred eighty (980) degrees Celsius, including, but not limited to, the following:

- (A) Blast furnaces.
- (B) Reverberatory furnaces.
- (C) Rotary furnaces.
- (D) Electric furnaces.

(33) "Startup" means the period when no lead-bearing materials have been fed to the furnace and smelting operations have not yet commenced during which the furnace is heated from ambient temperature to steady-state operating temperature.

(34) "Total enclosure" means a containment building that is completely enclosed with a floor, walls, and a roof to prevent exposure to the elements and to assure containment of lead-bearing material with limited openings to allow access and egress for people and vehicles. The total enclosure must provide an effective barrier against fugitive dust emissions so that the:

- (A) direction of air flow through any openings is inward; and
- (B) enclosure is maintained under constant negative pressure.

(35) "Vehicle wash" means a device for removing dust and other accumulated material from the wheels, body, and underside of a vehicle to prevent the inadvertent transfer of lead-contaminated material to another area of a secondary lead smelter or to public roadways.

(36) "Wet suppression" means the use of water, water combined with a chemical surfactant, or a chemical binding agent to prevent the entrainment of dust into the air from fugitive dust sources.

(37) "Windward wall" means the exterior wall of a total enclosure that is most impacted by the wind in its most prevailing direction determined by a wind rose using available data from the closest representative meteorological station.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-2; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#)*)

326 IAC 20-13.1-3 Emission limitations; lead standards for Exide Technologies, Incorporated

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 3. (a) In addition to the applicable requirements of this rule, Exide Technologies, Inc., Muncie, shall comply with the following lead emission limitations and operating provisions:

Emission Unit	Emission Limitation mg/dscm
Ventilation baghouse	0.5
Refinery baghouse	0.5
Bin room baghouse	0.5
North scrubber	1.0
South scrubber	1.0
Battery breaker scrubber	0.5

(b) For new emission units, Exide Technologies, Inc. shall comply with the emission limitations under section 5(c) of this rule.

(c) Exide Technologies, Inc., shall comply with the following requirements by October 1, 2013:

- (1) Section 1 of this rule.
- (2) Section 2 of this rule.

HAZARDOUS AIR POLLUTANTS

- (3) Subsection (a).
- (4) Section 5(b) and 5(h) of this rule.
- (5) Sections 6 through 9 of this rule.
- (6) Section 10(a) through 10(d) of this rule.
- (7) Section 11(a) through 11(c) and 11(f) of this rule.
- (8) Section 12(a) of this rule.
- (9) Section 14(a), 14(b), 14(c)(1) through 14(c)(8), 14(c)(10) through 14(c)(13), 14(c)(15) through 14(c)(17), 14(d), 14(e)(1), 14(e)(4) through 14(e)(7), and 14(e)(9) through 14(e)(12) of this rule.

(Air Pollution Control Division; 326 IAC 20-13.1-3; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#); errata filed Jan 14, 2014, 8:39 a.m.: [20140129-IR-326140018ACA](#))

326 IAC 20-13.1-4 Emission limitations; lead standards for Quemetco, Incorporated

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 4. (a) In addition to the applicable requirements of this rule, Quemetco, Inc., Indianapolis, shall comply with the following lead emission limitations and operating provisions:

Emission Unit	Emission Limitation mg/dscm
Stack 100	1.0
Stack 101	0.5
Stack 102	0.5
Stack 103	0.5
Stack 104	0.5
Stack 105	0.5
Stack 106	0.5
Stack 107	0.5
Stack 108	0.5
Stack 109	0.5
Stack 111	1.0

Process fugitive and fugitive dust emissions from stacks 101 through 109 shall be vented to the atmosphere through HEPA filters that have been certified by the manufacturer to remove ninety-nine and ninety-seven hundredths percent (99.97%) of all particles three-tenths (0.3) micrometers and larger.

(b) For new emission units, Quemetco, Inc. shall comply with the emission limitations under section 5(c) of this rule. *(Air Pollution Control Division; 326 IAC 20-13.1-4; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#))*

326 IAC 20-13.1-5 Emission limitations and operating provisions

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 5. (a) The owner or operator of a secondary lead smelter not described in section 3 or 4 of this rule shall maintain the following concentrations of lead compounds for affected emission units constructed or reconstructed on or before May 19, 2011:

- (1) From any process vent, at or below one (1.0) milligram of lead per dry standard cubic meter (forty-three hundred-thousandths (0.00043) grains of lead per dry standard cubic foot).
- (2) From any process fugitive emissions source, at or below five-tenths (0.5) milligram of lead per dry standard cubic meter (twenty-two hundred-thousandths (0.00022) grains of lead per dry standard cubic foot).
- (3) From vents venting fugitive dust sources, at or below five-tenths (0.5) milligram of lead per dry standard cubic meter (twenty-two hundred-thousandths (0.00022) grains of lead per dry standard cubic foot).

(b) The owner or operator of a secondary lead smelter shall comply with the following lead emission limitations and operating provisions for affected emission units constructed or reconstructed on or before May 19, 2011:

HAZARDOUS AIR POLLUTANTS

- (1) The owner or operator of a secondary lead smelter shall maintain the flow-weighted average concentration of lead compounds in vent gases from a secondary lead smelter at or below two-tenths (0.2) milligrams per dry standard cubic meter (eighty-seven millionths (0.000087) grains of lead per dry standard cubic foot).
- (2) The owner or operator of a secondary lead smelter shall demonstrate compliance with the flow-weighted average emissions limit on a twelve (12) month rolling average basis, calculated monthly using the most recent test data available.
- (3) Until twelve (12) monthly weighted average emission rates have been accumulated, the owner or operator of a secondary lead smelter shall calculate only the monthly average weighted emissions rate.
- (4) The owner or operator of a secondary lead smelter shall use the following equation to calculate the flow-weighted average concentration of lead compounds from process vents:

$$C_{FWA} = \frac{\sum_{i=1}^n F_i \times C_i}{\sum_i F_i}$$

- Where:
- C_{FWA} = Flow-weighted average concentration of all process vents.
 - n = Number of process vents.
 - F_i = Flow rate from process vent i in dry standard cubic feet per minute, as measured during the most recent compliance test.
 - C_i = Concentration of lead in process vent i , as measured during the most recent compliance test.

(5) Each month, the owner or operator of a secondary lead smelter shall use the concentration of lead and flow rate obtained during the most recent compliance test performed prior to or during that month to perform the calculation using the equation in subdivision (4).

(6) If a continuous emissions monitoring system (CEMS) is used to measure the concentration of lead in a vent, the monthly average lead concentration and monthly average flow rate must be used rather than the most recent compliance test data.

(c) For new emission units, the owner or operator of a secondary lead smelter shall maintain the concentration of lead compounds in any process vent gas at or below twenty-hundredths (0.20) milligrams of lead per dry standard cubic meter (eighty-seven millionths (0.000087) grains of lead per dry standard cubic foot).

(d) The owner or operator of a secondary lead smelter shall meet the applicable emission limits for total hydrocarbons and dioxins and furans from furnaces specified in the following table. There are no standards for dioxins and furans during periods of startup and shutdown.

Emission Unit	Total Hydrocarbon (Parts per million by volume expressed as propane corrected to four percent (4%) carbon dioxide)	Dioxin and furan (nanograms per dry standard cubic meter expressed as toxic equivalency quotient (TEQ) corrected to seven percent (7%) oxygen)
Collocated blast furnace and reverberatory furnace (new and existing)	20	0.50
Collocated blast furnace and reverberatory furnace when the reverberatory furnace is not operating for units that commence construction or reconstruction on or before June 9, 1994	360	170
Collocated blast furnace and reverberatory furnace when the reverberatory furnace is not operating for units that commence construction or reconstruction after June 9, 1994	70	170

HAZARDOUS AIR POLLUTANTS

Blast furnaces that commence construction or reconstruction on or before June 9, 1994	360	170
Blast furnaces that commence construction or reconstruction after June 9, 1994	70	170
Blast furnaces that commence construction or reconstruction after May 19, 2011	70	10
Reverberatory and electric furnaces that commence construction or reconstruction on or before May 19, 2011	12	0.20
Reverberatory and electric furnaces that commence construction or reconstruction after May 19, 2011	12	0.10

(e) If the owner or operator of a secondary lead smelter combines furnace emissions from multiple types of furnaces and these furnaces do not meet the definition of collocated blast furnace and reverberatory furnace, the owner or operator of a secondary lead smelter shall calculate the emissions limit for the combined furnace stream using the following equation:

$$C_{EL} = \frac{\sum_{i=1}^n F_i \times C_{ELi}}{\sum_i F_i}$$

- Where:
- C_{EL} = Flow-weighted average emissions limit (concentration) of combined furnace vents.
 - n = Number of furnace vents.
 - F_i = Flow rate from furnace vent i in dry standard cubic feet per minute.
 - C_{ELi} = Emissions limit (concentration) of pollutant in furnace vent i , as specified in subsection (d).

(f) If the owner or operator of a secondary lead smelter combines furnace emissions with the furnace charging process fugitive emissions and discharges them to the atmosphere through a common emissions point, the owner or operator of a secondary lead smelter shall demonstrate compliance with the applicable total hydrocarbons concentration limit specified in subsection (d) at a location downstream from the point at which the two (2) emission streams are combined.

(g) If the owner or operator of a secondary lead smelter does not combine the furnace charging process fugitive emissions with the furnace process emissions, and discharges the emissions to the atmosphere through separate emission points, the owner or operator of a secondary lead smelter shall maintain the total hydrocarbons concentration in the exhaust gas at or below twenty (20) parts per million by volume, expressed as propane and corrected to four percent (4%) carbon dioxide.

(h) At all times, the owner or operator of a secondary lead smelter shall operate and maintain any affected emission unit, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether appropriate operation and maintenance procedures are being used will be based on information available to the department that may include, but is not limited to, the following:

- (1) Monitoring results.
- (2) Review of operation and maintenance procedures.
- (3) Review of operation and maintenance records.
- (4) Inspection of the source.

(i) If the owner or operator of a secondary lead smelter owns or operates a unit subject to emission limits in subsection (d), the owner or operator of a secondary lead smelter shall minimize the unit's startup and shutdown periods following the manufacturer's recommended procedures, if available. The owner or operator of a secondary lead smelter shall develop and follow standard operating procedures designed to minimize emissions of total hydrocarbons for each startup or shutdown scenario anticipated. The owner or operator of a secondary lead smelter shall submit a signed statement in the Notification of Compliance Status report that indicates that the owner or operator of a secondary lead smelter conducted startups and shutdowns according to the manufacturer's recommended procedures, if available, and the standard operating procedures designed to minimize emissions of total hydrocarbons.

(j) In addition to complying with the applicable emission limits for dioxins and furans listed in subsection (d), the owner or operator of a secondary lead smelter shall operate a process to separate plastic battery casing materials from all automotive batteries prior to introducing feed into a furnace. (*Air Pollution Control Division; 326 IAC 20-13.1-5; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#)*)

326 IAC 20-13.1-6 Total enclosure requirements

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 6. (a) The owner or operator of a secondary lead smelter shall operate the following process fugitive emissions sources and fugitive dust sources in a total enclosure that meets the requirements in subsection (c) that is maintained at negative pressure at all times and vented to a control device designed to capture lead particulate:

- (1) Smelting furnaces.
- (2) Smelting furnace charging areas.
- (3) Lead taps, slag taps, and molds during tapping.
- (4) Battery breakers.
- (5) Refining kettles, casting areas.
- (6) Dryers.
- (7) Agglomerating furnaces and agglomerating furnace product taps.
- (8) Material handling areas for any lead-bearing materials except those listed in subsection (b).
- (9) Areas where dust from fabric filters, sweepings, or used fabric filters are processed.

(b) The owner or operator of a secondary lead smelter is not required to maintain a total enclosure in the following areas unless the area is in a total enclosure described in subsection (a):

- (1) Lead ingot product handling areas.
- (2) Stormwater and wastewater treatment areas.
- (3) Intact battery storage areas.
- (4) Areas where lead-bearing material is stored in closed containers or enclosed mechanical conveyors.
- (5) Areas where clean battery casing material is handled.

(c) The owner or operator of a secondary lead smelter shall do the following:

- (1) Construct and operate a total enclosure for the process fugitive emissions sources and fugitive dust sources listed in subsection (a) that is free of cracks, gaps, corrosion, or other deterioration that could allow lead-bearing material to be released from the primary barrier.
- (2) Put measures in place to prevent the tracking of lead-bearing material out of the plant by personnel or by equipment used in handling the material.
- (3) Designate an area to decontaminate equipment and collect and properly manage any rinsate.
- (4) Ventilate the total enclosure for the process fugitive emissions sources and fugitive dust sources listed in subsection (a) continuously to ensure negative pressure values of at least thirteen-thousandths (0.013) millimeters of mercury (seven-thousandths (0.007) inches of water).
- (5) Maintain an inward flow of air through all natural draft openings of the total enclosure.
- (6) Inspect total enclosures and structures that contain any lead-bearing material at least once per month.
- (7) Repair any gaps, breaks, separations, leak points, or other possible routes for emissions of lead to the atmosphere within one (1) week of identification unless the owner or operator of a secondary lead smelter receives approval for an extension from the department and U.S. EPA before the repair period is exceeded.

(*Air Pollution Control Division; 326 IAC 20-13.1-6; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#); errata filed Jan 14, 2014, 8:39 a.m.: [20140129-IR-326140018ACA](#)*)

326 IAC 20-13.1-7 Total enclosure monitoring requirements

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

HAZARDOUS AIR POLLUTANTS

Sec. 7. (a) In addition to the requirements in section 1(d) of this rule, and the requirements in section 6 of this rule, the owner or operator of a secondary lead smelter using a total enclosure shall do the following:

(1) Submit a monitoring system plan describing the installation and operation of a continuous monitoring system that meets the requirements of subdivisions (2) and (3). The plan shall be postmarked or hand delivered to the department one hundred twenty (120) days prior to installation of the continuous monitoring system.

(2) The owner or operator of a secondary lead smelter shall install, operate, and maintain a minimum of one (1) building digital differential pressure monitoring system to continuously monitor each total enclosure at each of the following three

(3) walls in each total enclosure that has a total ground surface area of ten thousand (10,000) square feet or more:

(A) The leeward wall.

(B) The windward wall.

(C) An exterior wall that connects the leeward and windward wall at a location defined by the intersection of a perpendicular line between a point on the connecting wall and a point on its furthest opposite exterior wall, and intersecting within plus or minus ten (10) meters of the midpoint of a straight line between the two (2) other monitors specified. The midpoint monitor must not be located on the same wall as either of the other two (2) monitors.

(3) The owner or operator of a secondary lead smelter shall install and maintain a minimum of one (1) building digital differential pressure monitoring system at the leeward wall of each total enclosure that has a total ground surface area of less than ten thousand (10,000) square feet.

(b) Within one hundred eighty (180) days after written approval of the continuous monitoring system plan by the department, the owner or operator of a secondary lead smelter shall install and operate a continuous monitoring system that consists of the following:

(1) A digital differential pressure sensor capable of measuring pressure within a range of one-hundredth (0.01) to two-tenths (0.2) millimeters mercury (five-thousandths (0.005) to eleven-hundredths (0.11) inches of water) with a minimum accuracy of plus or minus one-thousandth (0.001) millimeters of mercury (five ten-thousandths (0.0005) inches of water).

(2) A processor.

(3) An alarm.

(4) A continuous recording device.

(c) The owner or operator of a secondary lead smelter shall calibrate each digital differential pressure monitoring system in accordance with the manufacturer's specifications at least once every twelve (12) calendar months or more frequently if recommended by the manufacturer.

(d) The owner or operator of a secondary lead smelter shall obtain prior written approval from the department for any changes to the location or operation of the continuous monitoring system.

(e) The owner or operator of a secondary lead smelter shall initiate corrective actions within thirty (30) minutes of a monitoring system alarm.

(f) The owner or operator of a secondary lead smelter shall notify the department within seven (7) days of any physical changes to the total enclosure including, but not limited to, ventilation capacity and building size.

(g) The owner or operator of a secondary lead smelter shall maintain the following on site for a period of three (3) years and have available the following records for an additional two (2) years:

(1) Records of the pressure differential.

(2) Logs of monitoring system alarms, including date and time.

(3) Logs of corrective actions, including date and time.

(Air Pollution Control Division; 326 IAC 20-13.1-7; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#))

326 IAC 20-13.1-8 Fugitive dust source requirements

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 8. (a) The owner or operator of a secondary lead smelter shall prepare and at all times operate in accordance with a standard operating procedures manual that describes in detail the measures that will be put in place and implemented to control the fugitive dust emissions from the following:

(1) Plant roadways.

HAZARDOUS AIR POLLUTANTS

- (2) Plant buildings.
- (3) Accidental releases.
- (4) Battery storage areas.
- (5) Equipment maintenance activities.
- (6) Material storage areas.
- (7) Material handling areas.

(b) The owner or operator of a secondary lead smelter shall submit the standard operating procedures manual to the department for review and approval in accordance with section 13(b) of this rule and at any time changes are made.

(c) The controls specified in the standard operating procedures manual must, at a minimum, include the following requirements:

(1) Where a cleaning practice is specified, the owner or operator of a secondary lead smelter shall clean by wet wash or a vacuum equipped with a filter rated by the manufacturer to achieve ninety-nine and ninety-seven hundredths percent (99.97%) capture efficiency for three-tenths (0.3) micron particles in a manner that does not generate fugitive lead dust.

(2) The owner or operator of a secondary lead smelter shall pave all areas subject to vehicle traffic and shall clean the pavement twice per day, except on days when natural precipitation makes cleaning unnecessary or when sand or a similar material has been spread on plant roadways to provide traction on ice or snow. Limited access and limited use roadways such as unpaved roads to remote locations on the property may be exempt from this requirement if they are used no more than one (1) round trip per day.

(3) The owner or operator of a secondary lead smelter shall initiate cleaning of all affected areas within one (1) hour after detection of any accidental release of lead dust that exceeds ten (10) pounds in accordance with the reportable quantity requirements for lead at 40 CFR 302.4*.

(4) The owner or operator of a secondary lead smelter shall inspect any batteries that are not stored in a total enclosure once each week and move any broken batteries to an enclosure within seventy-two (72) hours of identification. The owner or operator of a secondary lead smelter shall clean residue from broken batteries within seventy-two (72) hours of identification.

(5) The owner or operator of a secondary lead smelter shall wash each vehicle at each exit of the material storage and handling areas. The vehicle wash shall include washing of tires, undercarriage, and exterior surface of the vehicle followed by vehicle inspection.

(6) The owner or operator of a secondary lead smelter shall perform all maintenance activities that could generate lead dust in a manner that minimizes emissions of fugitive dust. This shall include one (1) or more of the following:

(A) Performing maintenance inside a total enclosure maintained at negative pressure.

(B) Performing maintenance inside a temporary enclosure and use of a vacuum system either equipped with a filter rated by the manufacturer to achieve a capture efficiency of ninety-nine and ninety-seven hundredths percent (99.97%) for three-tenths (0.3) micron particles or routed to an existing control device permitted for this activity.

(C) Performing maintenance inside a partial enclosure and use of wet suppression sufficient to prevent dust formation.

(D) Decontamination of equipment prior to removal from an enclosure.

(E) Immediate repair of ductwork or structure leaks without an enclosure if the time to construct a temporary enclosure would exceed the time to make a temporary or permanent repair, or if construction of an enclosure would cause a higher level of emissions than if an enclosure were not constructed.

(F) Activities required for inspection of fabric filters and maintenance of filters that are in need of removal and replacement are not required to be conducted inside of total enclosures. Used fabric filters shall be placed in sealed plastic bags or containers prior to removal from a baghouse.

(7) The owner or operator of a secondary lead smelter shall collect and transport all lead-bearing dust within closed conveyor systems or in sealed, leak-proof containers unless the collection and transport activities are contained within a total enclosure. All other lead-bearing material must be contained and covered for transport outside of a total enclosure in a manner that prevents spillage or dust formation. Intact batteries and lead ingot product are exempt from the requirement to be covered for transport.

(d) The standard operating procedures manual must specify that records be maintained of all pavement cleaning, vehicle washing, and battery storage inspection activities performed to control fugitive dust emissions.

(e) The owner or operator of a secondary lead smelter shall pave all grounds or plant ground cover sufficient to prevent

wind-blown dust. The owner or operator of a secondary lead smelter may use dust suppressants on unpaved areas that will not support a ground cover, such as roadway shoulders, steep slopes, and limited access and limited use roadways.

(f) As provided in the July 1, 2012, edition of 40 CFR 63.6(g)*, as an alternative to the requirements specified in this section, the owner or operator of a secondary lead smelter can demonstrate to the department that an alternative measure is equivalent or more protective of the environment than a practice described in this section.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-8; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#)*)

326 IAC 20-13.1-9 Bag leak detection system requirements

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 9. (a) The owner or operator of a secondary lead smelter shall install and continuously operate a bag leak detection system for all baghouses controlling process vents and process fugitive emissions sources unless a system meeting the requirements of section 10(g) of this rule for a CEMS is installed for monitoring the concentration of lead. Baghouses equipped with HEPA filters or baghouses followed by wet electrostatic precipitators used as secondary control devices are exempt from this requirement. The owner or operator of a secondary lead smelter shall maintain and operate each baghouse controlling process vents and process fugitive emissions sources to meet the following conditions:

(1) The alarm on the system does not activate for more than five percent (5%) of the total operating time in a six (6) month reporting period.

(2) The owner or operator of a secondary lead smelter shall include a corrective action plan in its standard operating procedures manual required in subsection (c) that specifies the procedures that will be used to determine and record the time and cause of the alarm in addition to necessary corrective actions taken to minimize emissions as follows:

(A) The procedures used to determine the cause of the alarm shall be initiated within thirty (30) minutes of the alarm.

(B) Procedures to determine and correct the cause of the alarm may include, but are not limited to, the following standard operating procedures:

(i) Inspecting the baghouse for air leaks, torn or broken filter elements, or any other malfunction that may cause an increase in emissions.

(ii) Sealing off defective bags or filter media.

(iii) Replacing defective bags or filter media, or otherwise repairing the control device.

(iv) Sealing off a defective baghouse compartment.

(v) Cleaning the bag leak detection system probe, or otherwise repairing the bag leak detection system.

(vi) Shutting down the process producing the particulate emissions.

(b) The owner or operator of a secondary lead smelter shall demonstrate compliance with the bag leak detection system requirements by submitting reports showing that the alarm on the system does not activate for more than five percent (5%) of the total operating time in a six (6) month period or two hundred nineteen (219) hours, if operated for four thousand three hundred eighty (4,380) hours in the six (6) month period, whichever is less.

(c) The owner or operator of a secondary lead smelter shall calculate the percentage of total operating time the alarm on the bag leak detection system activates as the ratio of the sum of alarm times to the total operating time multiplied by one hundred (100).

(d) The owner or operator of a secondary lead smelter shall prepare and at all times operate in accordance with a standard operating procedures manual that describes in detail procedures for inspection, maintenance, and bag leak detection, and corrective action plans for all baghouses (fabric filters or cartridge filters) that are used to control process vents, process fugitive, or fugitive dust emissions from any source subject to the lead emission standards in sections 3, 4, 5, 6, and 8 of this rule, including those used to control emissions from building ventilation.

(e) The owner or operator of a secondary lead smelter shall submit the standard operating procedures manual for baghouses required by subsection (d) to the department for review and approval in accordance with section 13(b) of this rule.

(f) The procedures that the owner or operator of a secondary lead smelter specifies in the standard operating procedures

HAZARDOUS AIR POLLUTANTS

manual for inspections and routine maintenance must, at a minimum, include the following requirements:

- (1) Daily monitoring of pressure drop across each baghouse cell.
- (2) Weekly confirmation that dust is being removed from hoppers through visual inspection, or equivalent means of ensuring the proper functioning of removal mechanisms.
- (3) Daily check of compressed air supply for pulse-jet baghouses.
- (4) An appropriate methodology for monitoring cleaning cycles to ensure proper operation.
- (5) Monthly check of bag cleaning mechanisms for proper functioning through visual inspection or equivalent means.
- (6) Monthly check of bag tension on reverse air and shaker-type baghouses. The checks are not required for shaker-type baghouses using self-tensioning or spring loaded devices.
- (7) Quarterly confirmation of the physical integrity of the baghouse through visual inspection of the baghouse interior for air leaks.
- (8) Quarterly inspection of fans for wear, material buildup, and corrosion through visual inspection, vibration detectors, or equivalent means.
- (9) Except as provided in subsection (a), continuous operation of a bag leak detection system, unless a system meeting the requirements of section 10(g) of this rule for a CEMS is installed for monitoring the concentration of lead.

(g) The procedures specified in the standard operating procedures manual for baghouse maintenance shall include, at a minimum, a preventative maintenance schedule that is consistent with the baghouse manufacturer's instructions for routine and long-term maintenance.

(h) The owner or operator of a secondary lead smelter shall operate a bag leak detection system that meets the following requirements:

- (1) The bag leak detection system must be certified by the manufacturer to be capable of detecting particulate matter emissions at concentrations of one (1) milligram per actual cubic meter (forty-four hundred-thousandths (0.00044) grains per actual cubic foot) or less.
- (2) The bag leak detection system sensor must provide output of relative particulate matter loadings, and the owner or operator of a secondary lead smelter shall continuously record the output from the bag leak detection system.
- (3) The bag leak detection system must be equipped with an alarm system that will alert appropriate plant personnel when an increase in relative particulate loadings is detected over a preset level. The alarm must be located where it can be heard by the appropriate plant personnel.
- (4) Each bag leak detection system must be installed, calibrated, operated, and maintained consistent with the U.S. EPA guidance document "Fabric Filter Bag Leak Detection Guidance" (EPA-454/R-98-015, September 1997)* and with the manufacturer's written specifications and recommendations.
- (5) The initial adjustment of the system must, at a minimum, consist of establishing the following:
 - (A) The baseline output by adjusting the sensitivity (range).
 - (B) The averaging period of the device.
 - (C) The alarm set points.
 - (D) The alarm delay time.
- (6) Following initial adjustment and except as detailed in the standard operating procedures and maintenance plan required under subsection (f), the owner or operator of a secondary lead smelter shall not adjust the system's:
 - (A) sensitivity or range;
 - (B) averaging period;
 - (C) alarm set points; or
 - (D) alarm delay time.

The owner or operator of a secondary lead smelter shall not increase the sensitivity of the system by more than one hundred percent (100%) or decrease the sensitivity by more than fifty percent (50%) over a three hundred sixty-five (365) day period unless the adjustment follows a complete baghouse inspection that demonstrates that the baghouse is in good operating condition.

- (7) For negative pressure, induced air baghouses, and positive pressure baghouses that are discharged to the atmosphere through a stack, the owner or operator of a secondary lead smelter shall install the bag leak detector downstream of the baghouse and upstream of any wet acid gas scrubber.
- (8) Where multiple detectors are required, the system's instrumentation and alarm may be shared among detectors.

HAZARDOUS AIR POLLUTANTS

(i) In addition to the record keeping and reporting requirements under section 14 of this rule, the owner or operator of a secondary lead smelter shall comply with the following:

(1) Submit a report within thirty (30) days after the end of each preceding six (6) month period ending June 30 and December 31 of each year that includes the following:

(A) A description of the actions taken following each bag leak detection system alarm pursuant to subsection (a).

(B) Calculations of the percentage of total operating time, or the total operating time in hours and minutes the alarm on the bag leak detection system was activated during the reporting period.

(2) Records for bag leak detection systems shall be maintained on site for a period of three (3) years and be available for an additional two (2) years and shall include the following information:

(A) Records of bag leak detection system output.

(B) Identification of the date and time of all bag leak detection system alarms.

(C) The time that procedures to determine the cause of the alarm were initiated.

(D) The cause of the alarm.

(E) An explanation of the corrective actions taken.

(F) The date and time the cause of the alarm was corrected.

(G) Records of total operating time of an affected source during smelting operations for each six (6) month period.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-9; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#)*)

326 IAC 20-13.1-10 Other requirements

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 10. (a) The owner or operator of a secondary lead smelter shall comply with the following opacity limitations:

(1) Stacks exhausting process vents, process fugitive emissions, or fugitive dust emissions shall not exceed five percent (5%) opacity from particulate matter emissions for any one (1) six (6) minute averaging period as measured by 40 CFR 60, Appendix A, Method 9*.

(2) Exterior dust handling systems of dry collectors of lead emitting processes, such as augers, hoppers, and transfer points, shall not discharge visible emissions to the atmosphere in excess of five percent (5%) of an observation period consisting of three (3) twenty (20) minute periods, as determined by 40 CFR 60, Appendix A, Method 22*. The provisions under this subdivision for dust handling systems shall not apply during maintenance and repair of the dust handling systems. During maintenance and repair of the dust handling system, the owner or operator shall take reasonable measures to prevent or minimize fugitive dust emissions.

(3) The opacity limitations in this subsection shall only apply to particulate matter emissions.

(b) Ventilation air from the following shall be conveyed or ventilated to a control device:

(1) All enclosure hoods and total enclosures.

(2) All dryer emission vents.

(3) Agglomerating furnace emission vents.

(c) If the owner or operator of a secondary lead smelter uses baghouses equipped with HEPA filters as a secondary filter used to control emissions from any source subject to the lead emission standards in sections 3 through 5 of this rule, the owner or operator of secondary lead smelter must monitor and record the pressure drop across each HEPA filter system daily as follows:

(1) If the pressure drop is outside the limit specified by the filter manufacturer, the owner or operator of a secondary lead smelter shall take the appropriate corrective measures, including, but not limited to, the following:

(A) Inspecting the filter and filter housing for air leaks and torn or broken filters.

(B) Replacing defective filter media, or otherwise repairing the control device.

(C) Sealing off a defective control device by routing air to other control devices.

(D) Shutting down the process producing the particulate emissions.

(2) The owner or operator of a secondary lead smelter shall maintain purchasing records and manufacturer's specifications

HAZARDOUS AIR POLLUTANTS

of any HEPA filters installed on process fugitive emissions and fugitive dust stacks demonstrating the filters have been certified by the manufacturer to remove ninety-nine and ninety-seven hundredths percent (99.97%) of all particles three-tenths (0.3) micrometers and larger. The records and manufacturer's specifications shall be:

- (A) maintained on site for three (3) years; and
- (B) available for an additional two (2) years.

(d) If the owner or operator of a secondary lead smelter uses a wet scrubber to control particulate matter and metal hazardous air pollutant emissions from a process vent to demonstrate continuous compliance with the emission standards, the owner or operator of a secondary lead smelter must monitor and record the pressure drop and water flow rate of the wet scrubber during the initial performance or compliance test conducted to demonstrate compliance with the applicable lead emission limits under sections 3 through 5 of this rule. Thereafter, the owner or operator of a secondary lead smelter shall:

- (1) monitor and record the pressure drop and water flow rate values at least once every hour; and
- (2) maintain the pressure drop and water flow rate at levels no lower than thirty percent (30%) below the pressure drop and water flow rate measured during the initial performance or compliance test.

(e) The owner or operator of a secondary lead smelter shall demonstrate continuous compliance with the total hydrocarbon and dioxin and furan emission standards. During periods of startup and shutdown, the requirements of subdivision (4) do not apply. Instead, the owner or operator of a secondary lead smelter shall demonstrate compliance with the standard for total hydrocarbon by meeting the requirements of section 5(i) of this rule. The requirements to demonstrate continuous compliance are as follows:

(1) The owner or operator of a secondary lead smelter shall install, calibrate, maintain, and continuously operate a device to monitor and record the temperature of the afterburner or furnace exhaust streams consistent with the requirements for continuous monitoring systems in the July 1, 2012, edition of 40 CFR 63.8*.

(2) Prior to or in conjunction with the initial performance or compliance test to determine compliance with section 5(d) of this rule, the owner or operator of a secondary lead smelter shall conduct a performance evaluation for the temperature monitoring device according to the July 1, 2012, edition of 40 CFR 63.8(e)*. The definitions, installation specifications, test procedures, and data reduction procedures for determining calibration drift, relative accuracy, and reporting described in Performance Specification 2, 40 CFR 60, Appendix B, sections 2*, 3*, 5*, 7*, 8*, 9*, and 10* must be used to conduct the evaluation. The temperature monitoring device must meet the following performance and equipment specifications:

- (A) The recorder response range must include zero (0) and one and one-half (1.5) times the average temperature identified in subdivision (3).
- (B) The monitoring system calibration drift must not exceed two percent (2%) of one and one-half (1.5) times the average temperature identified in subdivision (3).
- (C) The monitoring system relative accuracy must not exceed twenty percent (20%).
- (D) The reference method must be a National Institute of Standards and Technology calibrated reference thermocouple-potentiometer system or an alternate reference method, subject to the approval of U.S. EPA.

(3) The owner or operator of a secondary lead smelter shall monitor and record the temperature of the afterburner or the furnace exhaust streams every fifteen (15) minutes during the initial performance or compliance test for total hydrocarbons and dioxins and furans and determine an arithmetic average for the recorded temperature measurements.

(4) To demonstrate continuous compliance with the standards for total hydrocarbons and dioxins and furans, the owner or operator of a secondary lead smelter shall maintain an afterburner or exhaust temperature so that the average temperature in any three (3) hour period does not fall more than twenty-eight (28) degrees Celsius below the average established in subdivision (3).

(f) The owner or operator of a new emission unit subject to the requirements under sections 3 through 5 of this rule shall install, calibrate, maintain, and operate a CEMS for measuring lead emissions. In addition to the requirements for CEMS in the July 1, 2012, edition of 40 CFR 63.8(c) that are referenced in section 1(d) of this rule, the owner or operator of a secondary lead smelter shall comply with the requirements for CEMS specified in subsection (g) and the following requirements:

(1) The owner or operator of a new emission unit subject to the emission limits for lead compounds under sections 3 through 5 of this rule shall install a CEMS for measuring lead emissions within one hundred eighty (180) days of promulgation by U.S. EPA of performance specifications for lead CEMS.

(2) Prior to one hundred eighty (180) days after U.S. EPA promulgates performance specifications for CEMS used to measure lead concentrations, the owner or operator of a secondary lead smelter shall use the procedure described in section 11(a)(1) of this rule to determine compliance.

(3) Vents from control devices that serve only to control emissions from buildings containing lead-bearing materials are exempt from the requirement to install a CEMS for measuring lead emissions.

(g) If a CEMS is used to measure lead emissions, the owner or operator of a secondary lead smelter shall install a CEMS with a sensor in a location that provides representative measurement of the exhaust gas flow rate at the sampling location of the CEMS used to measure lead emissions, taking into account the manufacturer's recommendations. The flow rate sensor is that portion of the system that senses the volumetric flow rate and generates an output proportional to that flow rate. The owner or operator of a secondary lead smelter shall comply with the following requirements:

(1) The CEMS shall be designed to measure the exhaust gas flow rate over a range that extends from a value of at least twenty percent (20%) less than the lowest expected exhaust flow rate to a value of at least twenty percent (20%) greater than the highest expected exhaust gas flow rate.

(2) The CEMS shall be equipped with a data acquisition and recording system that is capable of recording values over the entire range specified in subdivision (1).

(3) The owner or operator of a secondary lead smelter shall perform an initial relative accuracy test of the CEMS in accordance with the applicable performance specification in 40 CFR 60, Appendix B*.

(4) The owner or operator of a secondary lead smelter shall operate the CEMS and record data during all periods of operation of the affected emission unit including periods of startup, shutdown, and malfunction, except for periods of monitoring system malfunctions, repairs associated with monitoring system malfunctions, and required monitoring system quality assurance or quality control activities including, as applicable, calibration checks and required zero and span adjustments.

(5) If the owner or operator of a secondary lead smelter uses a CEMS to measure lead emissions, the owner or operator of a secondary lead smelter shall calculate the average lead concentration and flow rate monthly to determine compliance with sections 3 through 5 of this rule.

(6) When the CEMS is unable to provide quality assured data, the following requirements apply:

(A) When data are not available for periods of up to forty-eight (48) hours, the highest recorded hourly emissions rate from the previous twenty-four (24) hours shall be used.

(B) When data are not available for forty-eight (48) or more hours, the maximum daily emissions rate based on the previous thirty (30) days shall be used.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-10; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#); errata filed Jan 14, 2014, 8:39 a.m.: [20140129-IR-326140018ACA](#)*)

326 IAC 20-13.1-11 Compliance testing

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 11. (a) Following the initial performance or compliance test to demonstrate compliance with the lead emission limits specified in sections 3 through 5 of this rule, the owner or operator of a secondary lead smelter shall conduct performance tests for lead compounds in accordance with the following schedule:

(1) Conduct an annual performance test for lead compounds from each process vent, no later than twelve (12) calendar months following the previous compliance test, unless the owner or operator of a secondary lead smelter installs and operates a CEMS meeting the requirements of the July 1, 2012, edition of 40 CFR 63.8*.

(2) If an annual compliance test demonstrates that a process vent emitted lead compounds at one-tenth (0.1) milligram of lead per dry standard cubic meter or less during the time of the annual compliance test, the owner or operator of a secondary lead smelter may submit a written request to the U.S. EPA applying for an extension of up to twenty-four (24) calendar months from the previous compliance test to conduct the next compliance test for lead compounds.

(b) The owner or operator of a secondary lead smelter that vents fugitive dust shall:

(1) conduct an initial compliance test only; and

(2) not be required to conduct testing on an annual or biennial basis.

Nothing in this subsection shall prohibit the department from requesting a compliance test in accordance with 326 IAC 2-1.1-11.

(c) Test notification and reporting shall be conducted in compliance with 326 IAC 3-6.

(d) Following the initial performance or compliance test to demonstrate compliance with the total hydrocarbon emission limits in section 5(d) of this rule, the owner or operator of a secondary lead smelter shall conduct performance tests for total hydrocarbons emissions in accordance with the following schedule:

(1) Conduct an annual performance test for total hydrocarbon emissions from each process vent that has established limits for total hydrocarbons, no later than twelve (12) calendar months following the previous compliance test, unless the owner or operator of a secondary lead smelter installs and operates a CEMS meeting the requirements of the July 1, 2012, edition of 40 CFR 63.8*.

(2) If an annual compliance test demonstrates that a process vent emitted total hydrocarbons at less than fifty percent (50%) of the allowable limit during the time of the annual compliance test, the owner or operator of a secondary lead smelter may submit a written request to U.S. EPA applying for an extension of up to twenty-four (24) calendar months from the previous compliance test to conduct the next compliance test for total hydrocarbons.

(e) Following the initial performance or compliance test to demonstrate compliance with the dioxin and furan emission limits specified in section 5(d) of this rule, the owner or operator of a secondary lead smelter shall conduct a performance test for dioxin and furan emissions from each process vent that has established limits for dioxins and furans at least once every six (6) years following the previous compliance test.

(f) The owner or operator of a secondary lead smelter shall conduct the performance tests specified in subsections (a), (d), and (e) under maximum representative operating conditions for the process. During the performance test, the owner or operator of a secondary lead smelter may operate the control device at maximum or minimum representative operating conditions for monitored control device parameters, whichever results in a lower emission reduction. Upon request, the owner or operator of a secondary lead smelter shall make available to the department any records necessary to determine the conditions of performance tests.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-11; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#)*)

326 IAC 20-13.1-12 Compliance testing methods

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 12. (a) The owner or operator of a secondary lead smelter shall use the following test methods to determine compliance with the emission standards for lead compounds:

(1) 40 CFR 60, Appendix A-1, Method 1* to select the sampling port location and the number of traverse points.

(2) 40 CFR 60, Appendix A-1, Method 2* or 40 CFR 60, Appendix A-3, Method 5D, Section 8.3* for positive pressure fabric filters, to measure volumetric flow rate.

(3) 40 CFR 60, Appendix A-2, Method 3*, 40 CFR 60, Appendix A-2, Method 3A*, or 40 CFR 60, Appendix A-2, Method 3B* to determine the dry molecular weight of the stack gas.

(4) 40 CFR 60, Appendix A-3, Method 4* to determine moisture content of the stack gas.

(5) 40 CFR 60, Appendix A-8, Method 12* or 40 CFR 60, Appendix A-8, Method 29* to determine compliance with the lead compound emission standards. The minimum sample volume must be two (2.0) dry standard cubic meters (seventy (70) dry standard cubic feet) for each run. The owner or operator of a secondary lead smelter shall perform three (3) test runs and determine compliance using the average of the three (3) runs.

(b) The owner or operator of a secondary lead smelter shall use the following test methods to determine compliance with the emission standards for total hydrocarbons:

(1) 40 CFR 60, Appendix A-1, Method 1* to select the sampling port location and number of traverse points.

(2) The Single Point Integrated Sampling and Analytical Procedure in 40 CFR 60, Appendix A, Method 3B* to measure the carbon dioxide content of the stack gases when using either 40 CFR 60, Appendix A-2, Method 3A* or 40 CFR 60, Appendix A-2, Method 3B*.

(3) 40 CFR 60, Appendix A-3, Method 4* to measure moisture content of the stack gases.

HAZARDOUS AIR POLLUTANTS

(4) 40 CFR 60, Appendix A-7, Method 25A* to measure total hydrocarbon emissions. The minimum sampling time must be one (1) hour for each run. The owner or operator of a secondary lead smelter shall perform a minimum of three (3) test runs. The owner or operator of a secondary lead smelter shall calculate a one (1) hour average total hydrocarbons concentration for each run and use the average of the three (3) one (1) hour averages to determine compliance.

(c) The owner or operator of a secondary lead smelter shall correct the measured total hydrocarbon concentrations to four percent (4%) carbon dioxide, specified as follows:

(1) If the measured percent carbon dioxide is greater than four-tenths of one percent (0.4%) in each compliance test, the owner or operator of a secondary lead smelter shall determine the correction factor using the following equation:

$$F = \frac{4.0}{CO_2}$$

Where: F = Correction factor (no units).
 CO₂ = Percent carbon dioxide measured using 40 CFR 60, Appendix A-2, Method 3A* or 40 CFR 60, Appendix A-2, Method 3B*, where the measured carbon dioxide is greater than four-tenths of one percent (0.4%).

(2) If the measured percent carbon dioxide is equal to or less than four-tenths of one percent (0.4%), the owner or operator of a secondary lead smelter shall use a correction factor (F) of ten (10).

(3) The owner or operator of a secondary lead smelter shall determine the corrected total hydrocarbons concentration by multiplying the measured total hydrocarbons concentration by the correction factor (F) determined for each compliance test.

(d) The owner or operator of a secondary lead smelter shall use the following test methods to determine compliance with the emission standards for dioxins and furans:

- (1) 40 CFR 60, Appendix A-1, Method 1* to select the sampling port location and the number of traverse points.
- (2) 40 CFR 60, Appendix A-1, Method 2* or 40 CFR 60, Appendix A-3, Method 5D, Section 8.3* for positive pressure fabric filters to measure volumetric flow rate.
- (3) 40 CFR 60, Appendix A-2, Method 3A* or 40 CFR 60, Appendix A-2, Method 3B* to determine the oxygen and carbon dioxide concentrations of the stack gas.
- (4) 40 CFR 60, Appendix A-3, Method 4* to determine moisture content of the stack gas.
- (5) 40 CFR 60, Appendix A-7, Method 23* to determine the dioxins and furans concentration.

(e) The owner or operator of a secondary lead smelter shall determine the dioxins and furans toxic equivalency through the following procedures:

(1) Measure the concentration of each dioxins and furans congener shown in the following table using 40 CFR 60, Appendix A-7, Method 23*:

Dioxin/furan congener	Toxic equivalency factor (TEQ)
2,3,7,8-tetrachlorinated dibenzo-p-dioxin	1
1,2,3,7,8-pentachlorinated dibenzo-p-dioxin	0.5
1,2,3,4,7,8-hexachlorinated dibenzo-p-dioxin	0.1
1,2,3,7,8,9- hexachlorinated dibenzo-p-dioxin	0.1
1,2,3,6,7,8- hexachlorinated dibenzo-p-dioxin	0.1
1,2,3,4,6,7,8-heptachlorinated dibenzo-p-dioxin	0.01
Octachlorinated dibenzo-p-dioxin	0.001
2,3,7,8-tetrachlorinated dibenzofuran	0.1
2,3,4,7,8-pentachlorinated dibenzofuran	0.05
1,2,3,7,8-pentachlorinated dibenzofuran	0.5
1,2,3,4,7,8-hexachlorinated dibenzofuran	0.1
1,2,3,6,7,8-hexachlorinated dibenzofuran	0.1
1,2,3,7,8,9-hexachlorinated dibenzofuran	0.1

(2) Correct the concentration of dioxins and furans in terms of toxic equivalency to seven percent (7%) oxygen using the

following equation:

$$C_{adj} = \frac{C_{meas}(20.9 - 7)}{(20.9 - \%O_2)}$$

Where: C_{adj} = Dioxins and furans concentration adjusted to seven percent (7%) oxygen.
 C_{meas} = Dioxins and furans concentration measured in nanograms per dry standard cubic meter.
 (20.9-7) = Twenty and nine-tenths percent (20.9%) oxygen minus seven percent (7%) oxygen (defined oxygen correction basis).
 20.9 = Percent of oxygen concentration in air.
 $\%O_2$ = Percent of oxygen concentration measured on a dry basis.

(3) For each dioxins and furans congener measured as specified in subdivisions (1) and (2), multiply the congener concentration by its corresponding toxic equivalency factor.

(4) Sum the values calculated as specified in subdivision (3) to obtain the total concentration of dioxins and furans emitted in terms of toxic equivalency.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-12; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#)*)

326 IAC 20-13.1-13 Notification requirements

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 13. (a) The owner or operator of a secondary lead smelter shall comply with all of the notification requirements of the July 1, 2012, edition of 40 CFR 63.9*.

(b) The owner or operator of a secondary lead smelter shall submit the fugitive dust control standard operating procedures manual required under section 8 of this rule and the standard operating procedures manual for baghouses required under section 9 of this rule to the department along with a notification that the owner or operator of a secondary lead smelter is seeking review and approval of these plans and procedures. The owner or operator of a secondary lead smelter shall submit this notification no later than the effective date of this rule.

(c) For the owner or operator of a secondary lead smelter that commences construction or reconstruction after January 5, 2012, and starts up on or after the effective date of this rule the owner or operator of a secondary lead smelter shall submit this notification on or before one hundred eighty (180) days before startup of the constructed or reconstructed secondary lead smelter.

(d) For an affected source that has received a construction permit from the department on or before January 5, 2012, the owner or operator of a secondary lead smelter shall submit this notification no later than January 7, 2014.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-13; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#)*)

326 IAC 20-13.1-14 Record keeping and reporting requirements

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 14. (a) The owner or operator of a secondary lead smelter shall comply with all of the record keeping and reporting requirements specified in the July 1, 2012, edition of 40 CFR 63.10* that are referenced in section 1(d) of this rule. Records shall be:

HAZARDOUS AIR POLLUTANTS

(1) maintained in a form suitable and readily available for expeditious review, in accordance with the July 1, 2012, edition of 40 CFR 63.10(b)(1)*; and

(2) kept on site for at least two (2) years after the date of occurrence, measurement, maintenance, corrective action, report, or record, in accordance with the July 1, 2012, edition of 40 CFR 63.10(b)(1)*.

(b) The standard operating procedure manuals required in sections 8 and 9 of this rule must be submitted to the department in electronic format for review and approval of the initial submittal and whenever an update is made to the procedures.

(c) The owner or operator of a secondary lead smelter shall maintain for a period of five (5) years the following records:

(1) Electronic records of the bag leak detection system output.

(2) An identification of the date and time of any bag leak detection system alarms.

(3) The time that procedures were initiated to determine the cause of any bag leak detection system alarm.

(4) The cause of any bag leak detection system alarm.

(5) An explanation of the corrective actions taken in response to any bag leak detection system alarms.

(6) The date and time the cause of any bag leak detection system alarms was corrected.

(7) All records of inspections and maintenance activities required in section 9(f) of this rule as part of the practices described in the standard operating procedures manual for baghouses required under section 9(d) of this rule.

(8) Electronic records of the pressure drop and water flow rate values for wet scrubbers used to control metal hazardous air pollutant emissions from process vents as required in section 10(d) of this rule.

(9) Electronic records of the output from the continuous temperature monitor required in section 10(e) of this rule, an identification of periods when the three (3) hour average temperature fell below the minimum temperature established under section 10(e)(4) of this rule, and an explanation of the corrective action taken.

(10) Electronic records of the continuous pressure monitors for total enclosures required in section 7 of this rule, and an identification of periods when the pressure was not maintained as required in section 6(c)(4) of this rule.

(11) Records of any time periods power was lost to the continuous pressure monitors for total enclosures required in section 7 of this rule and records of loss of power to the air handling system maintaining negative pressure on total enclosures.

(12) Records of the inspections of total enclosures required in section 6(c)(6) of this rule.

(13) Records of all cleaning and inspections required as part of the practices described in the standard operating procedures manual required under section 8 of this rule.

(14) Electronic records of the output of any CEMS installed to monitor lead emissions meeting the requirements in section 10(g) of this rule.

(15) Records of the occurrence and duration of each malfunction of operation or process equipment or the air pollution control equipment and monitoring equipment.

(16) Records of actions taken during periods of malfunction to minimize emissions in accordance with section 5(h) of this rule, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

(17) Records of any periods of startup or shutdown of a furnace and actions taken to minimize emissions during that period in accordance with section 5(i) of this rule.

(d) The owner or operator of a secondary lead smelter shall comply with all of the reporting requirements specified in the July 1, 2012, edition of 40 CFR 63.10* in section 1(d) of this rule. The owner or operator of a secondary lead smelter shall also comply with the following requirements:

(1) The owner or operator of a secondary lead smelter shall submit reports no less frequently than specified under the July 1, 2012, edition of 40 CFR 63.10(e)(3)*.

(2) Once a violation of the standard or excess emissions is reported, the owner or operator of a secondary lead smelter must follow the reporting format required under the July 1, 2012, edition of 40 CFR 63.10(e)(3)* until a request to reduce reporting frequency is approved by the department.

(e) In addition to the information required under the applicable sections of the July 1, 2012, edition of 40 CFR 63.10* in section 1(d) of this rule, the owner or operator of a secondary lead smelter shall include the following information in the reports required under subsection (d):

(1) Records of the concentration of lead in each process vent, and records of the rolling twelve (12) month flow-weighted average concentration of lead compounds in vent gases calculated monthly as required in section 5(b) of this rule, except during the first year when the concentration is calculated using the method described in section 5(b)(3) of this rule.

HAZARDOUS AIR POLLUTANTS

- (2) Records of the concentration of total hydrocarbon and dioxins and furans in each process vent that has established limits for total hydrocarbon and dioxins and furans as required in section 5(d) of this rule.
- (3) Records of all periods when monitoring using a CEMS for lead or total hydrocarbon was not in compliance with applicable limits.
- (4) Records of all alarms from the bag leak detection system specified in section 9 of this rule.
- (5) A description of the procedures taken following each bag leak detection system alarm in accordance with sections 9(a)(2) and 9(a)(3) *[sic]* of this rule.
- (6) A summary of the records maintained as part of the practices described in the standard operating procedures manual for baghouses required under section 9 of this rule, including an explanation of the periods when the procedures were not followed and the corrective actions taken.
- (7) An identification of the periods when the pressure drop and water flow rate of wet scrubbers used to control process vents dropped below the levels established in section 8 of this rule, and an explanation of the corrective actions taken.
- (8) Records of the temperature monitor output, in three (3) hour block averages, for those periods when the temperature monitored in accordance with section 10(e) of this rule fell below the level established in section 10(e)(4) of this rule.
- (9) Certification that the plastic separation process for battery breakers required in section 5(j) of this rule was operated at all times the battery breaker was in service.
- (10) Records of periods when the pressure was not maintained as required in section 6(c)(4) of this rule or power was lost to the continuous pressure monitoring system as required in section 7 of this rule.
- (11) If a malfunction occurred during the reporting period, the report must include the number, duration, and a brief description for each type of malfunction that occurred during the reporting period and caused or may have caused any applicable emissions limitation to be exceeded. The report must also include a description of actions taken during a malfunction of an affected emission unit to minimize emissions in accordance with section 5(h) of this rule, including actions taken to correct a malfunction.
- (12) A summary of the fugitive dust control measures performed during the required reporting period, including an explanation of the periods when the procedures outlined in the standard operating procedures manual in accordance with section 8 of this rule were not followed and the corrective actions taken. The reports must not contain copies of the daily records required to demonstrate compliance with the requirements of the standard operating procedures manuals required under section 8 of this rule.
- (13) Records of any periods of startup or shutdown of a furnace including an explanation of the periods when the procedures required in section 5(i) of this rule were not followed and the corrective actions taken.
- (14) The owner or operator of a secondary lead smelter shall submit records as follows:
 - (A) As of the effective date of this rule, and within sixty (60) days after the date of completing each performance test, as defined in the July 1, 2012, edition of 40 CFR 63.2*, the owner or operator of a secondary lead smelter shall submit performance test data, except opacity data, electronically to U.S. EPA's Central Data Exchange by using the U.S. EPA's Electronic Reporting Tool. Only data collected using test methods compatible with the U.S. EPA's Electronic Reporting Tool are subject to this requirement to be submitted electronically into U.S. EPA's WebFIRE database.
 - (B) Within sixty (60) days after the date of completing each CEMS performance evaluation test, as defined in 40 CFR 63.2* and required by this rule, the owner or operator of a secondary lead smelter shall submit the relative accuracy test audit data electronically in to U.S. EPA's Central Data Exchange by using the U.S. EPA's Electronic Reporting Tool as mentioned in clause (A). Only data collected using test methods compatible with the U.S. EPA's Electronic Reporting Tool are subject to the requirement to be submitted electronically into U.S. EPA's WebFIRE database.
 - (C) All reports required by this rule not subject to the requirements in clauses (A) and (B) must be sent to U.S. EPA at the appropriate address listed in the July 1, 2012, edition of 40 CFR 63.13*. U.S. EPA or the department may request a report in any form suitable for the specific case. U.S. EPA retains the right to require submittal of reports subject to clauses (A) and (B) in paper format.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-14; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#); errata filed Jan 14, 2014, 8:39 a.m.: [20140129-IR-326140018ACA](#)*)

326 IAC 20-13.1-15 Affirmative defense to civil penalties for exceedance of emissions limit during malfunctionAuthority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 15. (a) In response to an action to enforce the standards set forth in this rule, the owner or operator of a secondary lead smelter may assert an affirmative defense to a claim for civil penalties for exceedances of the standards that are caused by malfunction, as defined in the July 1, 2012, edition of 40 CFR 63.2*. Appropriate penalties may be assessed if the owner or operator of a secondary lead smelter fails to meet its burden of proving all of the requirements in the affirmative defense. The affirmative defense shall not be available for claims for injunctive relief.

(b) To establish the affirmative defense in any action to enforce the standards set forth in this rule, the owner or operator of a secondary lead smelter must timely meet the notification requirements of subsection (c), and shall prove by a preponderance of evidence the following:

(1) The excess emissions:

(A) were caused by a sudden, infrequent, and unavoidable failure of air pollution control and monitoring equipment, process equipment, or a process to operate in a normal or usual manner;

(B) could not have been prevented through careful planning, proper design or better operation and maintenance practices;

(C) did not stem from any activity or event that could have been foreseen and avoided, or planned for; and

(D) were not part of a recurring pattern indicative of inadequate design, operation, or maintenance.

(2) Repairs were made as expeditiously as possible when the applicable emission limitations were being exceeded. Off-shift and overtime labor were used, to the extent practicable to make these repairs.

(3) The frequency, amount, and duration of the excess emissions, including any bypass, were minimized to the maximum extent practicable during periods of the emissions.

(4) If the excess emissions resulted from a bypass of control equipment or a process, then the bypass was unavoidable to prevent loss of life, personal injury, or severe property damage.

(5) All possible steps were taken to minimize the impact of the excess emissions on ambient air quality, the environment, and human health.

(6) All emissions monitoring and control systems were kept in operation if at all possible, consistent with safety and good air pollution control practices.

(7) All of the actions in response to the excess emissions were documented by properly signed, contemporaneous operating logs.

(8) At all times, the affected emission unit was operated in a manner consistent with good practices for minimizing emissions.

(9) A written root cause analysis has been prepared, the purpose of which is to determine, correct, and eliminate the primary causes of the malfunction and the excess emissions resulting from the malfunction event at issue. The analysis shall also specify, using best monitoring methods and engineering judgment, the amount of excess emissions that were the result of the malfunction.

(c) The owner or operator of the affected emission unit experiencing an exceedance of its emissions limit during a malfunction shall notify the department by telephone or facsimile transmission as soon as possible, but no later than two (2) business days after the initial occurrence of the malfunction, that it wishes to avail itself of an affirmative defense to civil penalties for that malfunction. The owner or operator of a secondary lead smelter seeking to assert an affirmative defense shall also submit a written report to the department within forty-five (45) days of the initial occurrence of the exceedance of the standard in this rule to demonstrate, with all necessary supporting documentation, that it has met the requirements set forth in subsection (b). The owner or operator of a secondary lead smelter may seek an extension of this deadline for up to thirty (30) additional days by submitting a written request to the department before the expiration of the forty-five (45) day period. Until a request for an extension has been approved by the department, the owner or operator of a secondary lead smelter is subject to the requirement to submit the report within forty-five (45) days of the initial occurrence of the exceedance.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental

Management, Office of Air Quality, Indiana Government Center North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-13.1-15; filed Jan 30, 2013, 12:34 p.m.: [20130227-IR-326110774FRA](#)*)

Rule 14. Wood Furniture Manufacturing Operations

[326 IAC 20-14-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-14-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-17](#)

Sec. 1. (a) The provisions of this rule apply to each facility that is engaged, either in part or in whole, in the manufacture of wood furniture or wood furniture components and that is located at a plant site that is a major source as defined in Section 112 of the 1990 Clean Air Act Amendments.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart JJ*, National Emission Standards for Wood Furniture Manufacturing Operations, with the exception of the following sections:

(1) 40 CFR 63.804(f)(4)(iv)(D) and (E)*, establishing alternative operating parameters for carbon adsorbers and control devices not listed in the rule.

(2) 40 CFR 63.804(g)(4)(iii)(C)*, establishing alternative monitoring parameters for carbon adsorbers.

(3) 40 CFR 63.804(g)(4)(vi) and 63.804(g)(6)(vi)*, establishing alternative monitoring parameters for control devices not listed in the rule.

(4) 40 CFR 63.805(a)*, establishing alternative methods for determining volatile hazardous air pollutant content of coatings.

(5) 40 CFR 63.805(d)(2)(V)*, establishing alternative methods for performance tests.

(6) 40 CFR 63.805(e)(1)*, establishing case by case approval for permanent total enclosures.

*These documents are incorporated by reference. Copies referenced in this section may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-14-1; filed Apr 14, 1997, 10:40 a.m.: 20 IR 2297; filed May 21, 2002, 10:20 a.m.: 25 IR 3098*)

Rule 15. Aerospace Manufacturing and Rework Facilities

[326 IAC 20-15-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-15-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-17](#)

Sec. 1. (a) The provisions of this rule apply to each facility that is engaged, either in part or in whole, in the manufacture or rework of commercial, civil, or military aerospace vehicles or components and that is located at a plant site that is a major source as defined in Section 112 of the 1990 Clean Air Act Amendments.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart GG*, National Emission Standards for Aerospace Manufacturing and Rework Facilities.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-15-1-1; filed Apr 14, 1997, 10:40 a.m.: 20 IR 2298; filed May 21, 2002, 10:20 a.m.: 25 IR 3098*)

Rule 16. Petroleum Refineries

[326 IAC 20-16-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-16-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-15](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-17](#)

Sec. 1. (a) This rule applies to all petroleum refining process units and to related emission points as defined in 40 CFR 63.641* as provided in 40 CFR 63.640*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart CC*, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-16-1; filed May 12, 1997, 10:00 a.m.: 20 IR 2760; filed May 21, 2002, 10:20 a.m.: 25 IR 3099*)

Rule 17. Marine Tank Vessel Loading Operations

[326 IAC 20-17-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-17-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-15](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.560*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart Y*, National Emission Standards for Marine Tank Vessel Loading Operations.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-17-1; filed May 12, 1997, 10:00 a.m.: 20 IR 2760; filed May 21, 2002, 10:20 a.m.: 25 IR 3099*)

Rule 18. Printing and Publishing Operations

[326 IAC 20-18-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-18-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to affected sources as defined in 40 CFR 63.820*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart KK*, National Emission Standards for the Printing and Publishing Industry, with the exception of the following Sections:

(1) 63.827(b)*, approval of alternate test methods for organic hazardous air pollutant content determinations.

(2) 63.827(c)*, approval of alternate test methods for volatile matter determination.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-18-1; filed May 12, 1997, 10:00 a.m.: 20 IR 2761; filed May 21, 2002, 10:20 a.m.: 25 IR 3099*)

Rule 19. Group I Polymers and Resins

[326 IAC 20-19-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-19-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to manufacturers of the following products, as provided in 40 CFR 63.480* of Subpart U, that are major sources of hazardous air pollutants (HAPs) as defined in Section 112(a) of the Clean Air Act:

- (1) Butyl rubber.
- (2) Halobutyl rubber.
- (3) Epichlorohydrin elastomers.
- (4) Ethylene propylene rubber.
- (5) Hypalon (TM).
- (6) Neoprene.
- (7) Nitrile butadiene rubber.
- (8) Nitrile butadiene latex.
- (9) Polysulfide rubber.
- (10) Polybutadiene rubber/styrene butadiene rubber produced using a solution process.
- (11) Styrene butadiene latex.
- (12) Styrene butadiene rubber produced using an emulsion process.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart U*, National Emission Standards for Hazardous Air Pollutant Emissions, Group I Polymers and Resins.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-19-1; filed May 12, 1997, 10:00 a.m.: 20 IR 2761; filed May 21, 2002, 10:20 a.m.: 25 IR 3099*)

Rule 20. Epoxy Resins and Non-Nylon Polyamides

[326 IAC 20-20-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-20-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to manufacturers of the following products, as provided in 40 CFR 63.520* of Subpart W, that are major sources of hazardous air pollutants (HAPs) as defined in Section 112(a) of the Clean Air Act:

- (1) Basic liquid epoxy resins.
- (2) Non-nylon polyamides (also known as wet strength resins).

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart W*, National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-20-1; filed May 12, 1997, 10:00 a.m.: 20 IR 2761; filed May 21, 2002, 10:20 a.m.: 25 IR 3100*)

Rule 21. Group IV Polymers and Resins

[326 IAC 20-21-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-21-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

HAZARDOUS AIR POLLUTANTS

Sec. 1. (a) This rule applies to manufacturers of the following products, as provided in 40 CFR Subpart JJJ, Section 63.1310*, that are major sources of hazardous air pollutants (HAPs) as defined in Section 112(a) of the Clean Air Act:

- (1) Acrylonitrile butadiene styrene resin (ABS) latex.
- (2) ABS using a batch emulsion process.
- (3) ABS using a batch suspension process.
- (4) ABS using a continuous emulsion process.
- (5) ABS using a continuous mass process.
- (6) Acrylonitrile styrene acrylate resin/alpha methyl styrene acrylonitrile resin (ASA/AMSAN).
- (7) Expandable polystyrene resin (EPS).
- (8) Methyl methacrylate acrylonitrile butadiene styrene resin (MABS).
- (9) Methyl methacrylate butadiene styrene resin (MBS).
- (10) Nitrile resin.
- (11) Poly(ethylene terephthalate) resin (PET) using a batch dimethyl terephthalate process.
- (12) PET using a batch terephthalic acid process.
- (13) PET using a continuous dimethyl terephthalate process.
- (14) PET using a continuous terephthalic acid process.
- (15) PET using a continuous terephthalic acid high viscosity multiple end finisher process.
- (16) Polystyrene resin using a batch process.
- (17) Polystyrene resin using a continuous process.
- (18) Styrene acrylonitrile resin (SAN) using a batch process.
- (19) SAN using a continuous process.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart JJJ*, National Emission Standards for Hazardous Air Pollutant Emissions, Group IV Polymers and Resins.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-21-1; filed May 12, 1997, 10:00 a.m.: 20 IR 2762; filed May 21, 2002, 10:20 a.m.: 25 IR 3100*)

Rule 22. Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production

[326 IAC 20-22-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-22-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) This rule applies to each new and existing flexible polyurethane foam or rebond foam process as provided in 40 CFR 63.1290*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart III*, Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-22-1; filed May 26, 2000, 8:39 a.m.: 23 IR 2424; filed May 21, 2002, 10:20 a.m.: 25 IR 3101*)

Rule 23. Off-Site Waste and Recovery Operations

[326 IAC 20-23-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-23-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to owners or operators of plant sites as provided in 40 CFR 63.680*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart DD*, National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-23-1; filed Apr 23, 1998, 9:30 a.m.: 21 IR 3341; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3940; filed May 21, 2002, 10:20 a.m.: 25 IR 3101*)

Rule 24. Primary Aluminum Reduction Plants

[326 IAC 20-24-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-24-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) Except as provided in subsection (b), this rule applies to the owner or operator of each new pitch storage tank and new or existing potline, paste production plant, or anode bake furnace associated with primary aluminum production that is located at a major source as defined in 40 CFR 63.2*.

(b) An owner or operator of an affected facility (potroom group or anode bake furnace) under 40 CFR 60.190* may elect to comply with either the requirements of 40 CFR 63.845 or 40 CFR 60, Subpart S*.

(c) The air pollution control board incorporates by reference 40 CFR 63, Subpart LL*, national emission standards for hazardous air pollutants for primary aluminum reduction plants.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-24-1; filed Oct 9, 1998, 3:54 p.m.: 22 IR 423; filed May 21, 2002, 10:20 a.m.: 25 IR 3101*)

Rule 25. Emissions from Reinforced Plastics Composites Fabricating Emission Units (*Repealed*)

(*Repealed by Air Pollution Control Division; filed Feb 25, 2008, 2:12 p.m.: [20080326-IR-326070307FRA](#)*)

Rule 26. Shipbuilding and Ship Repair Surface Coating Operations

[326 IAC 20-26-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-26-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) This rule applies to affected sources as defined in 40 CFR 63.781*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart II*, National Emission Standards for Hazardous Air Pollutants for Shipbuilding and Ship Repair Surface Coating Operations.

(c) Sources, as defined in 326 IAC 8-12-1, that are subject to this rule, may be subject to 326 IAC 8-12. Sources subject to this rule and 326 IAC 8-12-5 through 326 IAC 8-12-7 shall comply with the requirements of 40 CFR 63.784 through 40 CFR 63.788* in lieu of 326 IAC 8-12-5 through 326 IAC 8-12-7.

*These documents are incorporated by reference. Copies of [*sic.*] may be obtained from the Government Printing Office,

732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-26-1; filed Jun 15, 2001, 12:08 p.m.: 24 IR 3617; filed May 21, 2002, 10:20 a.m.: 25 IR 3101*)

Rule 27. Portland Cement Manufacturing Industry

[326 IAC 20-27-1](#)

Portland cement manufacturing industry; applicability; incorporation by reference of federal standards

326 IAC 20-27-1 Portland cement manufacturing industry; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to each new and existing Portland cement plant as provided in 40 CFR 63.1340*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart LLL*, National Emission Standards for Portland Cement Manufacturing Industry.

*These documents are incorporated by reference. Copies 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 Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana. (*Air Pollution Control Division; 326 IAC 20-27-1; filed Jun 15, 2001, 12:10 p.m.: 24 IR 3618; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 28. Hazardous Waste Combustors

[326 IAC 20-28-1](#)

Hazardous waste combustors; applicability; incorporation by reference of federal standards

326 IAC 20-28-1 Hazardous waste combustors; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to all hazardous waste combustors as provided in 40 CFR 63.1200*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart EEE*, National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors.

*These documents are incorporated by reference. Copies 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 Quality, Indiana Government Center North, 100 North Senate Avenue, Tenth Floor, Indianapolis, Indiana. (*Air Pollution Control Division; 326 IAC 20-28-1; filed Jun 21, 2001, 2:23 p.m.: 24 IR 3617; errata filed Oct 10, 2001, 3:34 p.m.: 25 IR 813; filed Oct 1, 2010, 3:49 p.m.: [20101027-IR-326100112FRA](#)*)

Rule 29. Hydrochloric Acid Steel Pickling and Regeneration Plants

[326 IAC 20-29-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-29-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.1155*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart CCC*.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental

Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-29-1; filed Mar 14, 2006, 3:36 p.m.: 29 IR 2517*)

Rule 30. Oil and Natural Gas Production

[326 IAC 20-30-1](#)

Oil and natural gas production; applicability; incorporation by reference of federal standards

326 IAC 20-30-1 Oil and natural gas production; applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to owners and operators of emission points that are located at oil and natural gas production facilities as provided in 40 CFR 63.760*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart HH*, national emission standards for hazardous air pollutants from oil and natural gas production facilities.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-30-1; filed Aug 3, 2001, 11:04 a.m.: 24 IR 3945; filed May 21, 2002, 10:20 a.m.: 25 IR 3102*)

Rule 31. Natural Gas Transmission and Storage

[326 IAC 20-31-1](#)

Natural gas transmission and storage; applicability; incorporation by reference of federal standards

326 IAC 20-31-1 Natural gas transmission and storage; applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to owners and operators of natural gas transmission and storage facilities as provided in 40 CFR 63.1270*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart HHH*, national emission standards for hazardous air pollutants from natural gas transmission and storage facilities.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-31-1; filed Aug 3, 2001, 11:04 a.m.: 24 IR 3945; filed May 21, 2002, 10:20 a.m.: 25 IR 3102*)

Rule 32. Publicly Owned Treatment Works

[326 IAC 20-32-1](#)

Publicly owned treatment works; applicability; incorporation by reference of federal standards

326 IAC 20-32-1 Publicly owned treatment works; applicability; incorporation by reference of federal standards

Authority: [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the owner or operator of publicly owned treatment works as provided in 40 CFR 63.1580*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart VVV*, national emission standards for hazardous air pollutants: publicly owned treatment works.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-32-1; filed Aug 3, 2001, 11:04 a.m.: 24 IR 3945; filed May 21, 2002, 10:20 a.m.: 25 IR 3102*)

Rule 33. Pulp and Paper Production; Noncombustion

[326 IAC 20-33-1](#)

Pulp and paper production, noncombustion; applicability; incorporation by reference of federal standards

326 IAC 20-33-1 Pulp and paper production, noncombustion; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the owner or operator of processes that produce pulp, paper, or paperboard, as provided in 40 CFR 63.440* and that use any of the following processes and materials:

- (1) Kraft, soda, sulfite, or semichemical pulping processes.
- (2) Mechanical pulping processes.
- (3) Any process using secondary or nonwood fibers.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart S*, National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-33-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3940; filed May 21, 2002, 10:20 a.m.: 25 IR 3103; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 34. Phosphoric Acid Manufacturing and Phosphate Fertilizers Production

[326 IAC 20-34-1](#)

Phosphoric acid manufacturing and phosphate fertilizers production; applicability; incorporation by reference of federal standards

326 IAC 20-34-1 Phosphoric acid manufacturing and phosphate fertilizers production; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the owner or operator of each:

- (1) phosphoric acid manufacturing plant as provided in 40 CFR 63.600*; and
- (2) phosphate fertilizers production plant as provided in 40 CFR 63.620*.

(b) The air pollution control board incorporates by reference the following:

- (1) 40 CFR 63, Subpart AA*, national emission standards for hazardous air pollutants from phosphoric acid manufacturing plants.
- (2) 40 CFR 63, Subpart BB*, national emission standards for hazardous air pollutants from phosphate fertilizers production plants.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-34-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3940; filed May 21, 2002, 10:20 a.m.: 25 IR 3103*)

Rule 35. Tanks—Level 1

[326 IAC 20-35-1](#)

Tanks—level 1; applicability; incorporation by reference of federal standards

326 IAC 20-35-1 Tanks—level 1; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the control of air emissions from tanks for which another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart OO for such air emission control as provided in 40 CFR 63.900*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart OO**, national emission standards for tanks—level 1.

*Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-35-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3941; filed May 21, 2002, 10:20 a.m.: 25 IR 3103*)

Rule 36. Containers

[326 IAC 20-36-1](#)

Containers; applicability; incorporation by reference of federal standards

326 IAC 20-36-1 Containers; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the control of air emissions from containers for which another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart PP for such air emission control as provided in 40 CFR 63.920*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart PP**, national emission standards for containers.

*Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-36-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3941; filed May 21, 2002, 10:20 a.m.: 25 IR 3103*)

Rule 37. Surface Impoundments

[326 IAC 20-37-1](#)

Surface impoundments; applicability; incorporation by reference of federal standards

326 IAC 20-37-1 Surface impoundments; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the control of air emissions from surface impoundments for which another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart QQ for such air emission control as provided in 40 CFR 63.940*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart QQ**, national emission standards for surface impoundments.

*Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-37-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3941; filed May 21, 2002, 10:20 a.m.: 25 IR 3104*)

Rule 38. Individual Drain Systems

[326 IAC 20-38-1](#)

Individual drain systems; applicability; incorporation by reference of federal standards

326 IAC 20-38-1 Individual drain systems; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the control of air emissions from individual drain systems for which another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart RR for such air emission control as provided in 40 CFR 63.960*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart RR**, national emission standards for individual drain systems.

*Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-38-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3942; filed May 21, 2002, 10:20 a.m.: 25 IR 3104*)

Rule 39. Closed Vent Systems, Control Devices, Recovery Devices, and Routing to a Fuel Gas System or a Process

[326 IAC 20-39-1](#)

Closed vent systems, control devices, recovery devices, and routing to a fuel gas system or a process; applicability; incorporation by reference of federal standards

326 IAC 20-39-1 Closed vent systems, control devices, recovery devices, and routing to a fuel gas system or a process; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) The provisions of this rule include requirements for closed vent systems, control devices, and routing of air emissions to a fuel gas system or process. These provisions apply when another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart SS for such air emission control as provided in 40 CFR 63.980*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart SS**, national emission standards for closed vent systems, control devices, recovery devices, and routing to a fuel gas system or a process.

*Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana

46204. (*Air Pollution Control Division; 326 IAC 20-39-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3942; filed May 21, 2002, 10:20 a.m.: 25 IR 3105*)

Rule 40. Equipment Leaks—Control Level 1

[326 IAC 20-40-1](#)

Equipment leaks—control level 1; applicability; incorporation by reference of federal standards

326 IAC 20-40-1 Equipment leaks—control level 1; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) The provisions of this rule apply to the control of air emissions from equipment leaks for which another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart TT for such air emission control as provided in 40 CFR 63.1000*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart TT**, national emission standards for equipment leaks—control level 1.

*Copies may be obtained from the Government Printing Office, 732 N. Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-40-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3942; filed May 21, 2002, 10:20 a.m.: 25 IR 3105*)

Rule 41. Equipment Leaks—Control Level 2

[326 IAC 20-41-1](#)

Equipment leaks—control level 2 standards; applicability; incorporation by reference of federal standards

326 IAC 20-41-1 Equipment leaks—control level 2 standards; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) The provisions of this rule apply to the control of air emissions from equipment leaks for which another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart UU for such air emission control as provided in 40 CFR 63.1019*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart UU**, national emission standards for equipment leaks—control level 2 standards.

*Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-41-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3943; filed May 21, 2002, 10:20 a.m.: 25 IR 3105*)

Rule 42. Oil-Water Separators and Organic-Water Separators

[326 IAC 20-42-1](#)

Oil-water separators and organic-water separators; applicability; incorporation by reference of federal standards

326 IAC 20-42-1 Oil-water separators and organic-water separators; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the control of air emissions from oil-water separators and organic-water separators for which another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart VV for such air emission control as provided in 40 CFR 63.1040*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart VV*, national emission standards for oil-water separators and organic-water separators.

*Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-42-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3943; filed May 21, 2002, 10:20 a.m.: 25 IR 3106*)

Rule 43. Storage Vessels (Tanks)—Control Level 2

[326 IAC 20-43-1](#)

Storage vessels (tanks)—control level 2; applicability; incorporation by reference of federal standards

326 IAC 20-43-1 Storage vessels (tanks)—control level 2; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) The provisions of this rule apply to the control of air emissions from storage vessels for which another subpart of 40 CFR 60*, 40 CFR 61*, or 40 CFR 63* references the use of Subpart WW for such air emission control as provided in 40 CFR 63.1060*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart WW**, national emission standards for storage vessels (tanks)—control level 2.

*Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204.

**This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-43-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3943; filed May 21, 2002, 10:20 a.m.: 25 IR 3106*)

Rule 44. Generic Maximum Achievable Control Technology

[326 IAC 20-44-1](#)

Generic maximum achievable control technology standards; applicability; incorporation by reference of federal standards

326 IAC 20-44-1 Generic maximum achievable control technology standards; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

HAZARDOUS AIR POLLUTANTS

Sec. 1. (a) This rule applies to source categories and affected sources specified in 40 CFR 63.1100*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart YY*, national emission standards for hazardous air pollutants for source categories; generic maximum achievable control technology standards.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-44-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3943; filed May 21, 2002, 10:20 a.m.: 25 IR 3106*)

Rule 45. Pesticide Active Ingredient

[326 IAC 20-45-1](#)

Pesticide active ingredient production; applicability; incorporation by reference of federal standards

326 IAC 20-45-1 Pesticide active ingredient production; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to affected sources as provided in 40 CFR 63.1360*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart MMM*, national emission standards for hazardous air pollutants for pesticide active ingredient production.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-45-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3944; filed May 21, 2002, 10:20 a.m.: 25 IR 3107*)

Rule 46. Mineral Wool Production

[326 IAC 20-46-1](#)

Mineral wool production; applicability; incorporation by reference of federal standards

326 IAC 20-46-1 Mineral wool production; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to mineral wool production facilities as provided in 40 CFR 63.1177*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart DDD*, national emission standards for hazardous air pollutants from mineral wool production.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-46-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3944; filed May 21, 2002, 10:20 a.m.: 25 IR 3107*)

Rule 47. Wool Fiberglass Manufacturing

[326 IAC 20-47-1](#)

Wool fiberglass manufacturing; applicability; incorporation by reference of federal standards

326 IAC 20-47-1 Wool fiberglass manufacturing; applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to the owner or operator of each wool fiberglass manufacturing facility as provided in 40 CFR 63.1380*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart NNN*, national emission standards for hazardous air pollutants for wool fiberglass manufacturing.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-47-1; filed Aug 3, 2001, 10:59 a.m.: 24 IR 3944; filed May 21, 2002, 10:20 a.m.: 25 IR 3107*)

Rule 48. Emission Standards for Hazardous Air Pollutants for Boat Manufacturing

[326 IAC 20-48-1](#)

Applicability; incorporation by reference of federal standards

[326 IAC 20-48-2](#)

Alternative organic hazardous air pollutant content requirements for open molding gel coat operations

[326 IAC 20-48-3](#)

Work practice standards

[326 IAC 20-48-4](#)

Operator training

326 IAC 20-48-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-15-2-1](#); [IC 13-17-3-4](#)

Affected: [IC 13-12-3-1](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.5683*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart VVVV*, National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing, except for the following gel coat applications in Table 2 to Subpart VVVV, 40 CFR 63*, Alternative Organic Hazardous Content Requirements for Open Molding Resin and Gel Coat Operations:

(1) 3. Pigmented gel coat operations.

(2) 4. Clear gel coat operations.

(3) 7. Tooling gel coat operations.

(c) A source shall use the following references or methods to estimate emissions:

(1) "Unified Emission Factors for Open Molding of Composites", July 2001*, except use of controlled spray emission factors must be approved by the commissioner and U.S. EPA.

(2) "Compilation of Air Pollution Emission Factors AP-42"*, as defined in 326 IAC 1-2-20.5, except emissions from hand layup and spray layup operations must be calculated using:

(A) emission factors referenced in subdivision (1); or

(B) site-specific values using information in subdivision (3).

(3) Site-specific values or other means of quantification provided the site-specific values and the emission factors are acceptable to the commissioner and the U.S. EPA.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-48-1; filed Mar 25, 2003, 8:10 a.m.: 26 IR 2611; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#); filed Feb 25, 2008, 2:12 p.m.: [20080326-IR-326070307FRA](#)*)

326 IAC 20-48-2 Alternative organic hazardous air pollutant content requirements for open molding gel coat operations

Authority: [IC 13-14-8](#); [IC 13-15-2-1](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-17-3](#)

Sec. 2. In addition to alternative organic HAP content requirements for open molding resin operations contained in Table 2 to Subpart VVVV, 40 CFR 63*, the alternative HAP content requirements for gel coat operations are as follows:

HAZARDOUS AIR POLLUTANTS

Gel Coat Application

For this operation	And this application method	You must not exceed this weighted-average percent organic HAP content (weight percent) requirement
Pigmented gel coat operations	Atomized (spray)	33 percent
Clear gel coat operations	Atomized (spray)	48 percent
Tooling gel coat operations	Atomized (spray)	40 percent
Pigmented gel coat operations	Nonatomized (nonspray)	40 percent
Clear gel coat operations	Nonatomized (nonspray)	55 percent
Tooling gel coat operations	Nonatomized (nonspray)	54 percent

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-48-2; filed Mar 25, 2003, 8:10 a.m.: 26 IR 2611*)

326 IAC 20-48-3 Work practice standards

Authority: [IC 13-14-8](#); [IC 13-15-2-1](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-17-3](#)

Sec. 3. In addition to 40 CFR 63.5731* and 40 CFR 63.5734(b)*, the following work practice standards are required:

- (1) Nonatomizing spray equipment shall not be operated at pressures that atomize the material during the application process.
- (2) Solvents sprayed during cleanup and resin changes shall be directed into solvent collection containers.
- (3) For routine flushing of resin and gel coat application equipment, such as spray guns, flowcoaters, brushes, rollers, and squeegees, owners or operators must use a cleaning solvent that contains no hazardous air pollutants (HAPs). However, recycled cleaning solvents that contain less than or equal to five percent (5%) HAP by weight are considered to contain no HAP for the purposes of this subdivision. For removing cured resin or gel coat from application equipment, no organic HAP limit applies.
- (4) Clean-up rags with solvent shall be stored in closed containers.
- (5) Closed containers shall be used for the storage of the following:
 - (A) All production and tooling resins that contain HAPs.
 - (B) All production and tooling gel coats that contain HAPs.
 - (C) Waste resins and gel coats that contain HAPs.
 - (D) Cleaning materials, including waste cleaning materials.
 - (E) Other materials that contain HAPs.

The covers of the closed containers must have no visible gaps and must be in place at all times, except when equipment is placed in or removed from the container.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-48-3; filed Mar 25, 2003, 8:10 a.m.: 26 IR 2611*)

326 IAC 20-48-4 Operator training

Authority: [IC 13-14-8](#); [IC 13-15-2-1](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-17-3](#)

Sec. 4. (a) Each owner or operator shall train all new and existing personnel, including contract personnel, who are involved in resin and gel coat spraying and applications that could result in excess emissions if performed improperly according to the following schedule:

- (1) All personnel hired shall be trained within fifteen (15) days of hiring.
- (2) To ensure training goals listed in subsection (b) are maintained, all personnel shall be given refresher training annually.
- (3) Personnel who have been trained by another owner or operator subject to this rule are exempt from subdivision (1) if written documentation that the employee's training is current is provided to the new employer.
- (b) The lesson plans shall cover, for the initial and refresher training, at a minimum, all of the following topics:
 - (1) Appropriate application techniques.
 - (2) Appropriate equipment cleaning procedures.
 - (3) Appropriate equipment setup and adjustment to minimize material usage and overspray.
- (c) The owner or operator shall maintain the following training records on site and available for inspection and review:
 - (1) A copy of the current training program.
 - (2) A list of all current personnel, by name, that are required to be trained and the dates they were trained and the date of the most recent refresher training.
- (d) Records of prior training programs and former personnel are not required to be maintained. (*Air Pollution Control Division; 326 IAC 20-48-4; filed Mar 25, 2003, 8:10 a.m.: 26 IR 2612*)

Rule 49. Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills

[326 IAC 20-49-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-49-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.860*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart MM*, National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-49-1; filed Apr 1, 2004, 3:15 p.m.: 27 IR 2473; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 50. Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units

[326 IAC 20-50-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-50-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.1561*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart UUU*, National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-50-1; filed Apr 1, 2004, 3:15 p.m.: 27 IR 2473; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 51. Manufacturing of Nutritional Yeast

[326 IAC 20-51-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-51-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.2131*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart CCCC*, National Emission Standards for Hazardous Air Pollutants: Manufacturing of Nutritional Yeast.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-51-1; filed Apr 1, 2004, 3:15 p.m.: 27 IR 2473; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 52. Wet-Formed Fiberglass Mat Production

[326 IAC 20-52-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-52-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.2981*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart HHHH*, National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-52-1; filed Apr 1, 2004, 3:15 p.m.: 27 IR 2473; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 53. Leather Finishing Operations

[326 IAC 20-53-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-53-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.5285*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart TTTT*, National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-53-1; filed Apr 1, 2004, 3:15 p.m.: 27 IR 2474; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 54. Cellulose Products Manufacturing

[326 IAC 20-54-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-54-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.5485*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart UUUU*, National Emission Standards for Hazardous Air Pollutants: Cellulose Products Manufacturing.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-54-1; filed Apr 1, 2004, 3:15 p.m.: 27 IR 2474; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 55. Rubber Tire Manufacturing

[326 IAC 20-55-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-55-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.5981*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart XXXX*, National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-55-1; filed Apr 1, 2004, 3:15 p.m.: 27 IR 2474; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 56. Reinforced Plastic Composites Production

[326 IAC 20-56-1](#)

Applicability; incorporation by reference of federal standards

[326 IAC 20-56-2](#)

Operator training

326 IAC 20-56-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-12-3-1](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.5785*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart WWWW*, National Emission Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-56-1; filed Feb 14, 2005, 10:50 a.m.: 28 IR 2020; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

326 IAC 20-56-2 Operator training

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-12-3-1](#); [IC 13-17](#)

HAZARDOUS AIR POLLUTANTS

Sec. 2 (a) Each owner or operator shall train all new and existing personnel, including contract personnel, who are involved in resin and gel coat spraying and applications that could result in excess emissions if performed improperly according to the following schedule:

- (1) All personnel hired shall be trained within thirty (30) days of hiring.
- (2) To ensure training goals listed in subsection (b) are maintained, all personnel shall be given refresher training annually.
- (3) Personnel who have been trained by another owner or operator subject to this rule are exempt from subdivision (1) if written documentation that the employee's training is current is provided to the new employer.

(b) The lesson plans shall cover, for the initial and refresher training, at a minimum, all of the following topics:

- (1) Appropriate application techniques.
- (2) Appropriate equipment cleaning procedures.
- (3) Appropriate equipment setup and adjustment to minimize material usage and overspray.

(c) The owner or operator shall maintain the following training records on site and make them available for inspection and review:

- (1) A copy of the current training program.
- (2) A list of the following:
 - (A) All current personnel, by name, that are required to be trained.
 - (B) The date the person was trained or date of most recent refresher training, whichever is later.
- (d) Records of prior training programs and former personnel are not required to be maintained. (*Air Pollution Control Division; 326 IAC 20-56-2; filed Feb 14, 2005, 10:50 a.m.: 28 IR 2020*)

Rule 57. Pharmaceuticals Production

[326 IAC 20-57-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-57-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.1250*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart GGG, National Emission Standards for Hazardous Air Pollutants for Pharmaceuticals Production*.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-57-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 119; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 58. Amino and Phenolic Resins

[326 IAC 20-58-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-58-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.1400*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart OOO*.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-58-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 119*)

Rule 59. Polyether Polyols Production

[326 IAC 20-59-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-59-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.1420*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart PPP*.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-59-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 119*)

Rule 60. Solvent Extraction for Vegetable Oil Production

[326 IAC 20-60-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-60-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.2832*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart GGGG*, National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-60-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 119; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 61. Semiconductor Manufacturing

[326 IAC 20-61-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-61-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7181*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart BBBB*, National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-61-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 120; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 62. Refractory Products Manufacturing

[326 IAC 20-62-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-62-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.9782*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart SSSSS*, National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-62-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 120; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 63. Surface Coating of Large Appliances

[326 IAC 20-63-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-63-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.4081*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart NNNN*, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Large Appliances.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-63-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 121; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 64. Surface Coating of Metal Coil

[326 IAC 20-64-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-64-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.5090*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart SSSS*, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Metal Coil.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-64-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 121; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 65. Paper and Other Web Coating

[326 IAC 20-65-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-65-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.3290*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart JJJJ*, National Emission Standards for Hazardous Air Pollutants for Paper and Other Web Coating.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-65-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 121; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 66. Flexible Polyurethane Foam Fabrication Operations

[326 IAC 20-66-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-66-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.8782*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart MMMM*, National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Fabrication Operations.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-66-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 122; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 67. Municipal Solid Waste Landfills

[326 IAC 20-67-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-67-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.1935*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart AAAA*, National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-67-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 122; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 68. Friction Material Manufacturing Facilities

[326 IAC 20-68-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-68-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.9485*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart QQQQ*, National Emission Standards for Hazardous Air Pollutants for Friction Material Manufacturing Facilities.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-68-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 122; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 69. Polyvinyl Chloride and Copolymers Production

[326 IAC 20-69-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-69-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-14-9-7](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.211*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart J*, National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-69-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 122; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 70. Secondary Aluminum

[326 IAC 20-70-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-70-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.1500*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart RRR*, National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-70-1; filed Sep 2, 2004, 5:15 p.m.: 28 IR 120; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 71. Asphalt Processing and Asphalt Roofing

[326 IAC 20-71-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-71-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.8681*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart LLLLL*, National Emission Standards for Hazardous Air Pollutants for Asphalt Roofing And Processing.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-71-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2043; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 72. Brick and Structural Clay Products

[326 IAC 20-72-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-72-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.8385*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart JJJJJ*, National Emission Standards for Brick and Structural Clay Products.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-72-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2043; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 73. Clay Ceramics Manufacturing

[326 IAC 20-73-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-73-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.8535*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart KKKKK*, National Emission Standards for Clay Ceramics Manufacturing.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-73-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2044; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 74. Coke Ovens: Pushing, Quenching, and Battery Stacks

[326 IAC 20-74-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-74-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7281*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart CCCCC*, National Emission Standards for Coke Ovens: Pushing, Quenching, and Battery Stacks.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-74-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2044; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 75. Engine Test Cells/Standards

[326 IAC 20-75-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-75-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.9285*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart PFFFF*, National Emission Standards for Hazardous Air Pollutants: Engine Test Cells/Standards.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-75-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2044; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 76. Hydrochloric Acid Production

[326 IAC 20-76-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-76-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.8985*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart NNNNN*, National Emission Standards for Hazardous Air Pollutants for Hydrochloric Acid Production.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-76-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2044; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 77. Printing, Coating, and Dyeing of Fabrics and Other Textiles

[326 IAC 20-77-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-77-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.4281*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart OOOO*, National Emission Standards for Hazardous Air Pollutants for Printing, Coating, and Dyeing of Fabrics and Other Textiles.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-77-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2045; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 78. Surface Coating of Metal Furniture

[326 IAC 20-78-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-78-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.4881*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart RRRR*, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Metal Furniture.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-78-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2045; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 79. Surface Coating of Wood Building Products

[326 IAC 20-79-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-79-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7181*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart QQQQ*, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Wood Building Products.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-79-1; filed Feb 14, 2005, 10:00 a.m.: 28 IR 2045; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 80. Surface Coating of Miscellaneous Metal Parts and Products

[326 IAC 20-80-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-80-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.3881*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart MMMM* (National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products).

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-80-1; filed Oct 6, 2006, 4:21 p.m.: [20061101-IR-326040181FRA](#)*)

Rule 81. Surface Coating of Plastic Parts and Products

[326 IAC 20-81-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-81-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.4481*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart PPPP* (National Emission Standards for Hazardous Air Pollutants: Surface Coating of Plastic Parts and Products).

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-81-1; filed Oct 6, 2006, 4:21 p.m.: [20061101-IR-326040181FRA](#)*)

Rule 82. Stationary Reciprocating Internal Combustion Engines

[326 IAC 20-82-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-82-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.6585*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart ZZZZ*, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environment Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-82-1; filed May 25, 2005, 10:30 a.m.: 28 IR 2966; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 83. Organic Liquid Distribution (Non-Gasoline)

[326 IAC 20-83-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-83-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.2334*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart EEEE*, National Emission Standards for Hazardous Air Pollutants: Organic Liquid Distribution (Non-Gasoline).

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-83-1; filed May 25, 2005, 11:00 a.m.: 28 IR 2967; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 84. Miscellaneous Organic Chemical Manufacturing

[326 IAC 20-84-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-84-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.2435*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart FFFF*, National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-84-1; filed May 25, 2005, 11:00 a.m.: 28 IR 2967; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 85. Surface Coating of Automobiles and Light-Duty Trucks

[326 IAC 20-85-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-85-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.3081*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart IIII*, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-85-1; filed May 25, 2005, 11:00 a.m.: 28 IR 2967; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 86. Surface Coating of Metal Cans

[326 IAC 20-86-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-86-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.3481*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart KKKK*, National Emission Standards

for Hazardous Air Pollutants: Surface Coating of Metal Cans.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-86-1; filed May 25, 2005, 11:00 a.m.: 28 IR 2967; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 87. Site Remediation

[326 IAC 20-87-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-87-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7881*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart GGGGG*, National Emission Standards for Hazardous Air Pollutants: Site Remediation.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-87-1; filed May 25, 2005, 11:00 a.m.: 28 IR 2968; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 88. Miscellaneous Coating Manufacturing

[326 IAC 20-88-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-88-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7985*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart HHHHH*, National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-88-1; filed May 25, 2005, 11:00 a.m.: 28 IR 2968; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 89. Coal-Fired and Oil-Fired Electric Utility Steam Generating Units

[326 IAC 20-89-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-89-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.9981.

(b) The board incorporates by reference 40 CFR 63, Subpart UUUUU*, National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units.

*These documents are incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North

HAZARDOUS AIR POLLUTANTS

Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-89-1; filed Sep 19, 2014, 3:11 p.m.: [20141015-IR-326130488FRA](#)*)

Rule 90. Stationary Combustion Turbines

[326 IAC 20-90-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-90-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.6085*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart YYYY*, National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-90-1; filed Aug 10, 2005, 1:00 p.m.: 28 IR 3550; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 91. Lime Manufacturing Plants

[326 IAC 20-91-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-91-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7081*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart AAAAA*, National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-91-1; filed Aug 10, 2005, 1:00 p.m.: 28 IR 3550; filed Apr 26, 2007, 9:38 a.m.: [20070523-IR-326060412FRA](#)*)

Rule 92. Iron and Steel Foundries

[326 IAC 20-92-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-92-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7681*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart EEEEE*, National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-92-1; filed Aug 10, 2005, 1:00 p.m.: 28 IR 3550; filed Apr 26, 2007, 9:38 a.m.:*

[20070523-IR-326060412FRA](#))

Rule 93. Integrated Iron and Steel Manufacturing

[326 IAC 20-93-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-93-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7781*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart FFFFF*, National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-93-1; filed Aug 10, 2005, 1:00 p.m.: 28 IR 3551; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 94. Mercury Cell Chlor-Alkali Plants

[326 IAC 20-94-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-94-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.8182*.

(b) The air pollution control board incorporates by reference 40 CFR 63, Subpart IIIII*, National Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell Chlor-Alkali Plants.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Air Quality, Indiana Government Center-North, Tenth Floor, 100 North Senate Avenue, Indianapolis, Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-94-1; filed Aug 10, 2005, 1:00 p.m.: 28 IR 3551; filed Apr 26, 2007, 9:38 a.m.: 20070523-IR-326060412FRA*)

Rule 95. Industrial, Commercial, and Institutional Boilers and Process Heaters

[326 IAC 20-95-1](#)

Applicability; incorporation by reference of federal standards

326 IAC 20-95-1 Applicability; incorporation by reference of federal standards

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 1. (a) This rule applies to sources as provided in 40 CFR 63.7485*.

(b) The board incorporates by reference 40 CFR 63, Subpart DDDDD*, national emission standards for hazardous air pollutants for industrial, commercial, and institutional boilers and process heaters.

(c) Owners and operators may use the emission averaging provisions as specified under 40 CFR 63.7522*.

(d) Under 326 IAC 3-6, source sampling procedures, a test protocol form for an emissions test is due thirty-five (35) days before the intended test date.

*This document is incorporated by reference. Copies may be obtained from the Government Printing Office, 732 North Capitol Street NW, Washington, D.C. 20401 or are available for review and copying at the Indiana Department of Environmental Management, Office of Legal Counsel, Indiana Government Center North, Thirteenth Floor, 100 North Senate Avenue, Indianapolis,

HAZARDOUS AIR POLLUTANTS

Indiana 46204. (*Air Pollution Control Division; 326 IAC 20-95-1; filed Nov 16, 2006, 4:04 p.m.: [20061213-IR-326050023FRA](#); filed Mar 28, 2012, 12:51 p.m.: [20120425-IR-326110472FRA](#); filed Aug 1, 2014, 10:53 a.m.: [20140827-IR-326130501FRA](#)*)

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