

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Air Division

**Chapter 335-3-11
National Emission Standards for Hazardous Air Pollutants**

Table of Contents

335-3-11-.01 General
335-3-11-.02 Designated Emission Standards
333-3-11-.03 Appendices to 40 CFR 61
335-3-11-.04 Word or Phrase Substitutions
335-3-11-.05 Certification of Asbestos Abatement Contractors
335-3-11-.06 National Emission Standards for Hazardous Air Pollutants for
Source Categories
335-3-11-.07 Appendices to 40 CFR 63

335-3-11-.01 General.

(1) The Environmental Protection Agency Regulations, and the Appendices applicable thereto, governing Hazardous Air Pollutants, 40 CFR, Part 61 and Appendices, designated in Rules 335-3-11-.02 and 335-3-11-.03 and 40 CFR Part 63, and Appendices designated in Rules 335-3-11-.06 and 335-3-11-.07 are incorporated by reference as they exist in 40 CFR 61 (2002) and 67 FR 68526 [11/12/02, amendments to Subpart FF], 68 FR 6082 [02/06/03, amendments to Subpart FF] and 40 CFR Part 63 (2002) and 67 FR 44371 [07/02/2002, amendments to Subpart LLL], 67 FR 44766 [07/05/2002, amendments to Subpart LLL], 67 FR 45588 [07/09/2002, addition of Subpart XXXX], 67 FR 45886 [07/10/2002, addition of Subpart J], 67 FR 46271 [07/12/2002, addition of Subpart XX and amendments to Subparts SS, TT, UU, WW and YY], 67 FR 46289 [07/12/2002, amendments to Subpart YY], 67 FR 48254 [07/23/2002, addition of Subpart NNNN], 67 FR 59336 [09/20/2002, amendments to Subpart MMM], 67 FR 59787 [09/24/2002, amendments to Subpart RRR], 67 FR 64742 [10/21/02, amendments to Subpart VVV], 67 FR 72330 [12/04/02, amendments to Subpart A and addition of Subpart JJJJ], 67 FR 72580 [12/06/02, amendments to Subpart LLL], 67 FR 77687 [12/19/02, amendments to Subpart EEE], 67 FR 79808 [12/30/02, amendments to Subpart RRR], 68 FR 2227 [01/16/03, addition of Subpart AAAA], 68 FR 6635 [02/10/03, amendments to Subpart YY], 68 FR 7706 [02/18/03, amendments to Subparts A and MM], 68 FR 11745 [03/12/03, amendments to Subpart XXXX], 68 FR 12590 [03/17/03, amendments to SSSS], 68 FR 18008 [04/14/03, addition of Subpart CCCCC], 68 FR 19076 [04/17/03, addition of Subpart NNNNN], 68 FR 19375 [04/21/03, amendments to Subpart A and addition of Subpart WWWW], 68 FR 19885 [04/22/03, amendments to Subpart CCCCC], 68 FR

23898 [05/06/03, amendments to Subpart A], and 68 FR 24562 [05/07/03, addition of Subpart LLLLL], 68 FR 24653 [05/08/03, amendments to Subpart MM], as amended by the word or phrase substitutions given in Rule 335-3-11-.03. References for specific documents containing the complete text of subject regulations are given in Appendix C to these Regulations. Authorities which are not delegable to the state are also listed in Appendix C.

[NOTE: The standards pertaining to the Consolidated Federal Air Rule are located in Chapter 335-3-11A.]

(a) The materials incorporated by reference are available for purchase and inspection at the Department's offices at 1400 Coliseum Boulevard, Montgomery, Alabama 36110.

(2) In the event of any conflict between the regulations contained in this Chapter and regulations contained in other Chapters, the more stringent regulations will take precedence.

(3) Definitions. For purposes of this Chapter, the definitions listed in 40 CFR 61.02, Subpart A will apply in Rules 335-3-11-.02 and 335-3-11-.03 and the definitions listed in 40 CFR 63.2, Subpart A will apply in Rules 335-3-11-.06 and 335-3-11-.07.

Author:

Statutory Authority: Code of Alabama 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8, and 41-22-9.

History: Effective Date: May 25, 1976.

Amended: February 13, 1985; June 9, 1987; June 16, 1988; November 1, 1990; March 28, 1991; July 31, 1991; September 19, 1991; October 30, 1992; December 28, 1993; November 23, 1995; November 21, 1996; September 25, 1997; March 27, 1998; November 19, 1998; July 15, 1999; January 13, 2000; September 7, 2000; March 14, 2002; October 3, 2002; April 3, 2003; October 2, 2003.

335-3-11-.02 Designated Emission Standards.

- (1) Subpart A - General Provisions.
- (2) Subpart C - Beryllium.
- (3) Subpart D - Beryllium Rocket Motor Firing.
- (4) Subpart E - Mercury.
- (5) Subpart F - Vinyl Chloride.

- (6) Reserved.
- (7) Reserved.
- (8) Reserved.
- (9) Subpart J - Benzene Equipment Leaks.
- (10) Reserved.
- (11) Subpart L - Benzene Emissions from Coke By-Product Recovery Plants.
- (12) Subpart M - Asbestos.
- (13) Subpart N - Standard for Inorganic Arsenic Emissions from Glass Manufacturing Plants.
- (14) Subpart O - Standard for Inorganic Arsenic Emissions from Primary Copper Smelters.
- (15) Subpart P - Standard for Inorganic Arsenic Emission from Arsenic Trioxide and Metallic Arsenic Production Facilities.
- (16) Reserved.
- (17) Reserved.
- (18) Reserved.
- (19) Reserved.
- (20) Reserved.
- (21) Subpart V - Equipment Leaks (Fugitive Emission Sources).
- (22) Reserved.
- (23) Reserved.
- (24) Subpart Y - Benzene Emissions from Benzene Storage Vessels.
- (25) Reserved.
- (26) Reserved.

(27) Subpart BB - Benzene Emissions from Benzene Transfer Operations.

(28) Reserved.

(29) Reserved.

(30) Reserved.

(31) Subpart FF - Benzene Emissions from Benzene Waste Operations.

Author:

Statutory Authority: Code of Alabama 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8, and 41-22-9.

History: Effective Date: May 25, 1976.

Amended: June 23, 1981; February 13, 1985; June 9, 1987; November 1, 1990; March 28, 1991; July 31, 1991; September 19, 1991; October 30, 1992; December 28, 1993; January 13, 2000; March 14, 2002; October 2, 2003.

335-3-11-.03 Appendices to 40 CFR 61.

(1) Appendix B - Test Methods.

Author: Robert W. Cowne

Statutory Authority: Code of Alabama 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8, and 41-22-9.

History: Effective Date: June 16, 1988

Amended: March 28, 1991; November 21, 1996; March 14, 2002.

335-3-11-.04 Word or Phrase Substitutions. In all of the standards designated in Rules 335-3-11-.02 and 335-3-11-.06 substitute:

(a) Director for Administrator.

(b) Department for U. S. Environmental Protection Agency (except in references).

Author:

Statutory Authority: Code of Alabama 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8, and 41-22-9.

History: Effective Date: May 25, 1976.

Amended: February 13, 1985; June 16, 1988; November 23, 1995; September 7, 2000.

335-3-11-.05 Certification of Asbestos Abatement Contractors.

(1) Any person, firm, organization, or corporation who is the owner or operator of any asbestos removal project for which notification is required pursuant to the requirements of Rule 335-3-11-.02(12) shall ensure that the parties executing the asbestos removal project are certified by the Department.

(2) Procedures for application for certification and recertification.

(a) An application for certification or recertification must be completed on forms that are supplied by the Department.

(b) Applications shall include, at minimum, the following information:

1. Lists of supervisors and workers, including their accreditation numbers issued by the state-approved accreditation program.

2. A list of asbestos removal operations performed by the party during the previous twelve (12) months.

3. Assurance that all supervisors or workers used in asbestos removal operations employed by the party shall have a current accreditation by the state-approved accreditation program before performing any work inside or outside a removal site.

4. A written certification from the principal officer or person stating that he/she understands state regulations pertaining to asbestos removal and will abide by said regulations.

(c) The Department may issue a certificate of certification to a party if it has been determined that:

1. Each supervisor and worker involved in asbestos removal is accredited by the state-approved accreditation program.

2. All application forms and attachments are properly completed and have been submitted.

3. The application fees have been paid.

(d) The Department may deny certification if it determines that the applicant is unable or unwilling to fully comply with applicable requirements, procedures, rules and standards promulgated or established by the Commission or the Department. All notices regarding the denial of certification will be sent via certified mail.

(3) Parties must reapply annually in order to maintain proper certification.

(4) A copy of the party's current certification must be available at each of its removal sites.

(5) Annual accreditation of supervisors and workers is required.

(6) Copies of accreditation for every supervisor and worker must be kept at each removal site.

(7) The Department may revoke certification of any party duly certified if the party repeatedly fails to comply with applicable rules and standards or fails to comply with any certification requirements.

(8) The requirements of this Rule become enforceable 120 days after the effective date.

Author: Ludwig C. Hoffmann III

Statutory Authority: Code of Alabama 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8, and 22-39-5.

History: Effective Date: November 1, 1990.

Amended: April 27, 1995; November 21, 1996.

335-3-11-.06 National Emission Standards for Hazardous Air Pollutants for Source Categories.

(1) Subpart A - General Provisions.

(2) Subpart B - Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act Sections, Sections 112(g) and 112(j).

[NOTE: The requirements for implementation of §112(g) are found in Rule 335-3-14-.06]

(3) Subpart D - Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants.

(4) Reserved.

(5) Subpart F - National Emission Standards for Hazardous Air Pollutants From Synthetic Organic Chemical Manufacturing Industry.

(6) Subpart G - National Emission Standards for Organic Hazardous Air Pollutants From Synthetic Organic Chemical Manufacturing Industry Process Vents, Storage Vessels, Transfer Operations, and Wastewater.

(7) Subpart H - National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks.

(8) Subpart I - National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks.

(9) Subpart J - National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production.

(10) Reserved.

(11) Subpart L - National Emission Standards for Coke Oven Batteries.

(12) Subpart M - National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities.

(13) Subpart N - National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks.

(14) Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities.

(15) Reserved.

(16) Subpart Q - National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers.

(17) Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations).

(18) Subpart S - National Emission Standards for Hazardous Air Pollutants for Pulp and Paper Production.

(19) Subpart T - National Emission Standards for Halogenated Solvent Cleaning.

(20) Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins.

(21) Reserved.

(22) Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production.

(23) Subpart X - National Emission Standards from Secondary Lead Smelting.

(24) Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations [with the exceptions of those subsections referencing the Valdez Marine Terminal (VMT) in Alaska].

(25) Reserved.

(26) Subpart AA - National Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants.

(27) Subpart BB - National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizers Production Plants.

(28) Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.

(29) Subpart DD - National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations.

(30) Subpart EE - National Emission Standards for Magnetic Tape Manufacturing Operations.

(31) Reserved.

(32) Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities.

(33) Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.

(34) Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating) Operations.

(35) Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations.

(36) Subpart KK - National Emission Standards for the Printing and Publishing Industry.

(37) Reserved.

(38) Subpart MM - National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfitte, and Stand-Alone Semichemical Pulp Mills.

- (39) Reserved.
- (40) Subpart OO - National Emission Standards for Tanks - Level 1.
- (41) Subpart PP - National Emission Standards for Containers.
- (42) Subpart QQ - National Emission Standards for Surface Impoundments.
- (43) Subpart RR - National Emission Standards for Individual Drain Systems.
- (44) Subpart SS - National Emission Standards Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process.
- (45) Subpart TT - National Emission Standards for Equipment Leaks - Control Level 1.
- (46) Subpart UU - National Emission Standards for Equipment Leaks - Control Level 2 Standards.
- (47) Subpart VV National Emission Standards for Oil-Water Separators and Organic-Water Separators.
- (48) Subpart WW - National Emission Standards for Storage Vessels (Tanks) - Control Level 2.
- (49) Subpart XX - National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations.
- (50) Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards.
- (51) Reserved.
- (52) Reserved.
- (53) Reserved.
- (54) Subpart CCC - National Emission Standards for Hazardous Air Pollutants for Steel Pickling - HCl Process Facilities and Hydrochloric Acid Regeneration Plants.
- (55) Subpart DDD - National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production.

(56) Subpart EEE - National Emission Standards for Hazardous Air Pollutants From Hazardous Waste Combustors.

(57) Reserved.

(58) Subpart GGG - National Emission Standards for Hazardous Air Pollutants for Source Categories: Pharmaceuticals Production.

(59) Subpart HHH - National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities.

(60) Subpart III - National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production.

(61) Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins.

(62) Reserved.

(63) Subpart LLL - National Emission Standards for Hazardous Air Pollutants From the Portland Cement Manufacturing Industry.

(64) Subpart MMM - National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production.

(65) Subpart NNN - National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing.

(66) Subpart OOO - National Emission Standards for Hazardous Air Pollutants for Amino/Phenolic Resins Production.

(67) Subpart PPP - National Emission Standards for Hazardous Air Pollutants for Polyether Polyols Production.

(68) Reserved.

(69) Subpart RRR - National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production.

(70) Reserved.

(71) Reserved.

(72) Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.

(73) Subpart VVV – National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works.

(74) Reserved.

(75) Subpart XXX – National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese.

(76) Reserved.

(77) Reserved.

(78) Subpart AAAA –National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills.

(79) Reserved.

(80) Subpart CCCC – National Emission Standards for Hazardous Air Pollutants: Nutritional Yeast.

(81) Reserved.

(82) Reserved.

(83) Reserved.

(84) Subpart GGGG – National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production.

(85) Subpart HHHH – National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production.

(86) Reserved.

(87) Subpart JJJJ – National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating.

(88) Reserved.

(89) Reserved.

(90) Reserved.

(91) Subpart NNNN – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances.

(92) Reserved.

(93) Reserved.

(94) Reserved.

(95) Reserved.

(96) Subpart SSSS – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil.

(97) Reserved.

(98) Reserved.

(99) Subpart VVVV – National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing.

(100) Subpart WWWW – National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production.

(101) Subpart XXXX – National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing.

(102) Reserved.

(103) Reserved.

(104) Reserved.

(105) Reserved.

(106) Subpart CCCCC – National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks.

(107) Reserved.

(108) Reserved.

(109) Reserved.

(110) Reserved.

(111) Reserved.

(112) Reserved.

(113) Reserved.

(114) Reserved.

(115) Subpart LLLLL – National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing.

(116) Reserved.

(117) Subpart NNNNN – National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production.

Author: Richard E. Grusnick

Statutory Authority: Code of Alabama 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8, and 41-22-9.

History: Effective Date: November 23, 1995.

Amended: November 21, 1996; September 25, 1997; March 27, 1998; November 19, 1998; July 15, 1999; January 13, 2000; September 7, 2000; March 14, 2002; October 3, 2002; April 3, 2003; October 2, 2003.

335-3-11-.07 Appendices to 40 CFR 63.

(1) Appendix A - Test Methods.

(2) Appendix B - Sources Defined for Early Reduction Provisions.

(3) Appendix C - Determination of the Fraction Biodegraded (F_{bio}) in a Biological Treatment Unit.

(4) Appendix D - Alternative Validation Procedure for EPA Waste and Wastewater Methods.

(5) Appendix E - Monitoring Procedure for Nonthoroughly Mixed Open Biological Treatment System Systems at Kraft Pulp Mills Under Unsafe Sampling Conditions.

Author: Richard E. Grusnick

Statutory Authority: Code of Alabama 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8, and 41-22-9.

History: Effective Date: November 23, 1995.

Amended: November 21, 1996; September 25, 1997; November 19, 1998; July 15, 1999; January 13, 2000; March 14, 2002.