

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 (~~2016~~2021), ~~and 81 FR 59800 [08/30/2016, amendments to Subparts A and Appendix B]~~, and 40 CFR 63 (July 1, ~~2019~~2021), as amended by the word or phrase substitutions given in rule 335-3-11-.04. 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.

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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; November 24, 2015; June 2, 2017. **Amended: Proposed: July 20, 2021.**

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) Reserved.

(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) Subpart DDDD – National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products.

(82) Subpart EEEE – National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline).

(83) Subpart FFFF – National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing.

(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) Subpart IIII – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks.

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

(88) Subpart KKKK – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans.

(89) Reserved.

(90) Subpart MMMM – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.

- (91) Subpart NNNN – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances.
- (92) Subpart OOOO – National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles.
- (93) Subpart PPPP – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products.
- (94) Subpart QQQQ – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products.
- (95) Subpart RRRR – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture.
- (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) Subpart YYYY – National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines.
- (103) Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (major source provisions only).
- (104) Subpart AAAAA – National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants.
- (105) Subpart BBBB – National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing.
- (106) Subpart CCCC – National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks.
- (107) Subpart DDDDD – National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.

(108) Subpart EEEEE – National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries.

(109) Subpart FFFFF – National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities.

(110) Subpart GGGGG – National Emission Standards for Hazardous Air Pollutants: Site Remediation.

(111) Subpart HHHHH – National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing.

(112) Subpart IIIII – National Emission Standards for Hazardous Air Pollutants: Mercury Emissions From Mercury Cell Chlor-Alkali Plants.

(113) Subpart JJJJJ – National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing.

(114) Subpart KKKKK – National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing.

(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.

(118) Reserved.

(119) Subpart PTTTT – National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Standards.

(120) Subpart QQQQQ – National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities

(121) Subpart RRRRR – National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing.

(122) Reserved.

(123) Subpart TTTTT – National Emission Standards for Hazardous Air Pollutants for Primary Magnesium Refining.

(124) Subpart UUUUU – National Emission Standards for Hazardous Air Pollutants for Coal- and Oil-Fired Electric Utility Steam Generating Units.

(125) Reserved.

(126) Reserved.

(127) Reserved.

(128) Subpart YYYYYY– National Emission Standards for Hazardous Air Pollutants for Electric arc Furnace Steelmaking Facilities Area Sources.

(129) Subpart ZZZZZZ – National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources.

(130) Reserved.

(131) Reserved.

(132) Reserved.

(133) Subpart DDDDDD – National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources.

(134) Subpart EEEEEEE – National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources.

(135) Subpart FFFFFFFF – National Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources.

(136) Subpart GGGGGG – National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources – Zinc, Cadmium, and Beryllium.

(137) Reserved.

(138) Reserved.

(139) Reserved.

(140) Reserved.

(141) Subpart LLLLLL – National Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources.

(142) Subpart MMMMMM – National Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources.

(143) Reserved.

(144) Subpart OOOOOO – National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources.

(145) Reserved.

(146) Subpart QQQQQQ – National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources.

(147) Reserved.

(148) Reserved.

(149) Subpart TTTTTT– National Emission Standards for Hazardous Air Pollutants for Secondary nonferrous Metals Processing Area Sources.

(150) Reserved.

(151) Subpart VVVVVV– National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources.

(152) Reserved.

(153) Reserved.

(154) Subpart YYYYYY– National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production Facilities Area Sources.

(155) Subpart ZZZZZZ – National Emission Standards for Hazardous Air Pollutants for Aluminum, Copper, and Other Nonferrous Foundries Area Sources.

(156) Subpart AAAAAA – National Emission Standards for Hazardous Air Pollutants for Asphalt Processing and Asphalt Roofing Manufacturing Area Sources

(157) Reserved.

(158) Subpart CCCCCC – National Emission Standards for Hazardous Air Pollutants for Paints and Allied Products Manufacturing Area Sources.

(159) Subpart DDDDDDD – National Emission Standards for Hazardous Air Pollutants for Prepared Feeds Manufacturing Area Sources.

(160) Reserved.

(161) Reserved.

(162) Reserved.

(163) Subpart HHHHHHH – National Emission Standards for Hazardous Air Pollutant Emissions for Polyvinyl Chloride and Copolymers 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.

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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:** Effective: November 21, 1996. **Amended:** Effective: September 25, 1997. **Amended:** Effective: November 19, 1998. **Amended:** Effective: July 15, 1999. **Amended:** Effective: January 13, 2000. **Amended:** Effective: March 14, 2002. **Amended:** Effective: March 30, 2010. **Amended:** Effective: May 23, 2011. **Amended:** Effective: May 28, 2013.

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