

PROPOSED AMENDMENTS TO THE RULES OF THE
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION
RELATING TO AIR QUALITY, CHAPTER 391-3-1

The Rules of the Department of Natural Resources, Chapter 391-3-1, Air Quality Control are hereby amended, added to, repealed in part, revised, as hereinafter explicitly set forth in the attached amendments, additions, partial repeals, and revisions for specific rules, or such subdivisions thereof as may be indicated.

[Note: Underlined text is proposed to be added. Lined-through text is proposed for deletion.]

Rule 391-3-1-.01(cccc), the definition of “**Synthetic minor permit**,” is being amended to read as follows:

(cccc) “**Synthetic minor permit**” means a Permit issued to a facility which imposes federally enforceable limits that are federally enforceable or enforceable as a practical matter in order to restrict potential emissions to below major source thresholds.

Rule 391-3-1-.01(nnnn), the definition “**Procedures for Testing and Monitoring Sources of Air Pollutants**” is being amended to read as follows:

(nnnn) “**Procedures for Testing and Monitoring Sources of Air Pollutants**” or “PTM” means the Georgia Department of Natural Resources **Procedures for Testing and Monitoring Sources of Air Pollutants** dated February 1, 2011.

Rule 391-3-1-.02(4), “**Ambient Air Standards**,” is being amended to read as follows:

(4) Ambient Air Standards.

(a) No person shall cause, suffer, permit, or allow the emission from any source the quantities of compounds listed below which would cause the ambient air concentrations listed to be exceeded. This does not exempt such sources from controlling their emissions to a point equal to or lower than the levels required to comply with a specific emission standard enumerated in other sections of these Rules.

(b) Sulfur Dioxide.

1. The concentration of sulfur dioxide at ground level for any three-hour period shall not exceed 1300 micrograms per cubic meter for more than one such three-hour period per year.

2. The concentration of sulfur dioxide at ground level for any twenty-four hour period shall not exceed 365 micrograms per cubic meter for more than one such twenty-four hour period per year.
3. The annual arithmetic mean concentration of sulfur dioxide at ground level shall not exceed 80 micrograms per cubic meter.
4. The level of the 1-hour annual ambient air quality standard for oxides of sulfur is 75 parts per billion (ppb), measured in the ambient air as sulfur dioxide (SO₂). Demonstration of attainment shall be determined in accordance with 40 CFR 50.17(b).
- ~~45. Standard conditions for sulfur dioxide measurements shall be considered to be 25°C and 760 mm Hg. The specific standard procedure for measuring ambient air concentrations for all sulfur dioxide will be West-Gaeke or equivalent method. The level of the standard shall be measured by a reference method based on Appendix A or A-1 of Part 50.17, or by a Federal Equivalent Method (FEM) designated in accordance with Part 53 of this chapter.~~

(c) Particulate Matter.1. PM₁₀

(i) The concentration of PM₁₀ in the ambient air for any 24-hour period shall not exceed 150 micrograms per cubic meter for more than one such 24-hour period per year. The standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 micrograms per cubic meter, as determined in accordance with Appendix K of 40 CFR Part 50 is equal to or less than 1.

(ii) Repealed.

(iii) PM₁₀ shall be measured in the ambient air as PM₁₀ (particles with an aerodynamic diameter less than or equal to a nominal ten micrometers) by a reference method based upon 40 CFR Part 50, Appendix J.

2. PM_{2.5}

(i) The 98th percentile 24-hour PM_{2.5} (particles with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers) concentration shall not exceed 35 micrograms per cubic meter. The 98th percentile 24-hour concentration is as determined in accordance with Appendix N of 40 CFR Part 50.

(ii) The annual arithmetic mean concentration of PM_{2.5} in the ambient air shall not exceed 15.0 micrograms per cubic meter. The standard is attained when the expected annual arithmetic mean concentration, as determined in accordance with Appendix N of 40 CFR Part 50 is less than or equal to 15.0 micrograms per cubic meter.

(iii) PM_{2.5} shall be measured in the ambient air as PM_{2.5} by reference method based upon 40 CFR Part 50, Appendix L.

(d) Carbon Monoxide.

1. Carbon monoxide concentration, at ground level, shall not be allowed to exceed 40 milligrams per cubic meter for a one-hour average or 10 milligrams per cubic meter for an eight-hour average. Standard conditions for carbon monoxide measurements shall be considered to be 25°C and 760 mm Hg.
2. The specified standard procedure for measuring ambient air concentrations of carbon monoxide shall be the non-dispersive infrared or equivalent method.

(e) Ozone.

1. Repealed.

2. The 8-hour ambient air standard for ozone is 0.075 parts-per-million, daily maximum 8-hour average. The standard is attained when the average of the annual fourth-highest daily maximum 8-hour average ozone concentration is less than or equal to 0.075 parts per million, as determined in accordance with appendix I of 40 CFR Part 50.
3. The specific standard procedure for measuring ambient air concentrations of ozone shall be the Chemiluminescence or equivalent method.

(f) Lead.

1. The mean concentration of lead at ground level shall not exceed 0.15 micrograms per cubic meter averaged over a calendar quarter.
2. The specified standard procedure for measuring ambient air concentrations of lead shall be those required to comply with Federal law or other Federal authority.

(g) Nitrogen Dioxide.

1. The annual arithmetic mean concentration of ~~nitrogen dioxide~~oxides of nitrogen at ground level shall not exceed ~~100 micrograms per cubic meter~~53 parts per billion (ppb), measured in the ambient air as nitrogen dioxide. Standard conditions for nitrogen dioxide considered to be 25°C and 760 mm Hg. Demonstration of attainment shall be determined in accordance with 40 CFR 50.11(e) and (g).
2. ~~The specified standard procedure for measuring ambient air concentrations of nitrogen dioxide shall be the Chemiluminescence or equivalent method.~~
2. The level of the 1-hour ambient air quality standard for oxides of nitrogen is 100 ppb, 1-hour average concentration, measured in the ambient air as nitrogen dioxide. Demonstration of attainment shall be determined in accordance with 40 CFR 50.11(f).
3. The levels of the standards shall be measured in accordance with 40 CFR 50.11(d).

Rule 391-3-1-.02(9), "Emission Standards for Hazardous Air Pollutants," is amended to read as follows:

(9) Emission Standards for Hazardous Air Pollutants.

(a) General Requirements. The provisions of this section shall apply to any stationary source and to the owner or operator of any stationary source for which a standard is prescribed under 40 Code of Federal Regulations (hereinafter CFR), Parts 61 and 63, including, but not limited to (unless specifically excluded below) the subparts hereby adopted through incorporation by reference in subsection (b) of this section. For purposes of applying emission standards for hazardous air pollutants, 40 CFR, Parts 61 and 63 (excluding 61.04 and 61.16), as amended, are hereby incorporated by reference. The word "Administrator" as used in regulations adopted in this section shall mean the Director of EPD.

(b) Emission Standards for Hazardous Air Pollutants.

1. Emission Standard for Beryllium: 40 CFR, Part 61, Subpart C, as amended October 17, 2000, is hereby incorporated and adopted by reference.
2. Emission Standard for Beryllium Rocket Motor Firing: 40 CFR, Part 61, Subpart D, as amended October 17, 2000, is hereby incorporated and adopted by reference.
3. Emission Standard for Mercury: 40 CFR, Part 61, Subpart E, as amended October 17, 2000, is hereby incorporated and adopted by reference.
4. Emission Standard for Vinyl Chloride: 40 CFR, Part 61, Subpart F, as amended October 17, 2000, is hereby incorporated and adopted by reference.
5. Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene: 40 CFR, Part 61, Subpart J, as amended December 14, 2000, is hereby incorporated and adopted by reference.
6. Emission Standard for Benzene Emissions from Coke Byproduct Recovery Plants: 40 CFR, Part 61, Subpart L, as amended October 17, 2000, is hereby incorporated and adopted by reference.
7. Emission Standard for Asbestos (including work practices): 40 CFR, Part 61, Subpart M, as amended July 20, 2004, is hereby incorporated and adopted by reference.
8. Emission Standard for Inorganic Arsenic Emissions from Glass Manufacturing Plants: 40 CFR, Part 61, Subpart N, as amended October 17, 2000, is hereby incorporated and adopted by reference.
9. Emission Standard for Inorganic Arsenic Emissions from Primary Copper Smelters: 40 CFR, Part 61, Subpart O, as amended October 17, 2000, is hereby incorporated and adopted by reference.
10. Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities: 40 CFR, Part 61, Subpart P, as amended October 3, 1986, is hereby incorporated and adopted by reference.

Chapter 391-3-1

Rules for Air Quality Control

11. Emission Standard for Equipment Leaks (Fugitive Emission Sources) [of VHAP]: 40 CFR, Part 61, Subpart V, as amended December 14, 2000, is hereby incorporated and adopted by reference.

12. Emission Standard for Benzene Emissions from Benzene Storage Vessels: 40 CFR, Part 61, Subpart Y, as amended December 14, 2000, is hereby incorporated and adopted by reference.

13. Emission Standard for Benzene Emissions from Benzene Transfer Operations: 40 CFR, Part 61, Subpart BB, as amended December 14, 2000, is hereby incorporated and adopted by reference.

14. Emission Standard for Benzene Waste Operations: 40 CFR, Part 61, Subpart FF, as amended December 4, 2003, is hereby incorporated and adopted by reference.

15. General Provisions. For purposes of applying Emission Standards for Hazardous Air Pollutants, 40 CFR, Part 63, Subpart A, as amended December 22, 2008, [excluding 63.13, and 63.15(a)(2)] is hereby incorporated and adopted by reference subject to the following provisions:-

(i) The definition of "Potential to Emit" in 40 CFR, Part 63.2, shall be modified as follows:

(l) The phrase "is federally enforceable" shall read "is federally enforceable or enforceable as a practical matter."

16. Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Paragraph 112(g): 40 CFR, Parts 63.40 through 63.44, as amended June 30, 1999, is hereby incorporated and adopted by reference, subject to the following provisions:

(i) Terms used in this paragraph shall have the meaning given to them in the Clean Air Act, 40 CFR 63 Subparts A and B, and the Georgia Air Quality Act.

(ii) The "Effective Date of Paragraph 112(g)(2)(B)," as defined in 40 CFR 63.41, shall be June 29, 1998.

(iii) The "Notice of MACT Approval," as defined in 40 CFR 63.41, shall be the air construction permit issued by the Division.

(iv) The "Permitting Authority," as defined in 40 CFR 63.41, shall be the Division.

(v) In lieu of the administrative procedures for review of the Notice of MACT Approval, as set forth in 40 CFR 63.43(f)(1) through (5), the Division will act in accordance with the permitting requirements as set forth in Chapter 391-3-1-.03 Permits, as amended, and administrative procedures for preconstruction review and approval established by the Division.

(vi) In lieu of the opportunity for public comment on the Notice of MACT Approval, as set forth in 40 CFR 63.43(h), the Division will provide opportunity for public comment on the Notice of MACT Approval pursuant to Chapter 391-3-1-.03 (2)(H).

(vii) The Notice of MACT Approval shall become effective upon issuance of the air construction permit by the Division.

17. Requirements for Control Technology Determinations for Major Sources in Accordance with the Clean Air Act sections 112(j): 40 CFR 63, Subpart B, Sections 63.50 through 63.56, as amended July 11, 2005, is hereby incorporated and adopted by reference.

18. [reserved]

19. Compliance Extensions for Early Reductions: 40 CFR, Part 63, Subpart D, as amended November 21, 1994, is hereby incorporated and adopted by reference.

20. Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry, 40 CFR 63, Subpart F, as amended December 21, 2006, is hereby incorporated and adopted by reference.

21. Emission Standards for Organic Hazardous Air Pollutants from Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater, 40 CFR 63, Subpart G, as amended December 22, 2008, is hereby incorporated and adopted by reference. Only procedures listed in 63.112(e) of 40 CFR 63, Subpart G, shall be used to comply with the emission standard in 63.112(a) unless otherwise specifically approved by the Director.

22. Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks, 40 CFR 63, Subpart H, as amended December 22, 2008, is hereby incorporated and adopted by reference.

23. Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks, 40 CFR 63, Subpart I, as amended June 23, 2003, is hereby incorporated and adopted by reference.

24. Emission Standards for Polyvinyl Chloride and Copolymers Production, 40 CFR Part 63, Subpart J, as amended July 10, 2002, is hereby incorporated and adopted by reference.

25. [reserved]

26. Emission Standards for Coke Oven Batteries, 40 CFR 63, Subpart L, as amended April 20, 2005, is hereby incorporated and adopted by reference.

27. Perchloroethylene Air Emission Standards for Dry Cleaning Facilities, 40 CFR 63, Subpart M, as amended July 11, 2008, is hereby incorporated and adopted by reference.

28. Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks, 40 CFR 63, Subpart N, as amended April 20, 2006, is hereby incorporated and adopted by reference.

29. Ethylene Oxide Emissions Standards for Sterilization Facilities, 40 CFR 63, Subpart O, as amended December 19, 2005, is hereby incorporated and adopted by reference.

30. [reserved]

31. Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers, 40 CFR 63, Subpart Q, as amended April 7, 2006, is hereby incorporated and adopted by reference.
32. Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations), 40 CFR 63, Subpart R, as amended December 22, 2008, is hereby incorporated and adopted by reference.
33. Emission Standards for Pulp & Paper Industries, 40 CFR 63, Subpart S, as amended April 13, 2004, is hereby incorporated and adopted by reference.
34. Emission Standards for Halogenated Solvent Cleaning, 40 CFR 63, Subpart T, as amended May 3, 2007, is hereby incorporated and adopted by reference.
35. Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins, 40 CFR 63, Subpart U, as amended December 22, 2008, is hereby incorporated and adopted by reference.
36. [reserved]
37. Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production, 40 CFR 63, Subpart W, as amended April 20, 2006, is hereby incorporated and adopted by reference.
38. Emission Standards for Hazardous Air Pollutants From Secondary Lead Smelting, 40 CFR 63, Subpart X, as amended June 23, 2003, is hereby incorporated and adopted by reference.
39. Emission Standards for Marine Tank Vessel Loading Operations, 40 CFR 63, Subpart Y, as amended April 20, 2006, is hereby incorporated and adopted by reference.
40. [reserved]
41. Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants, 40 CFR 63, Subpart AA, as amended April 20, 2006, is hereby incorporated and adopted by reference.
42. Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizers Production Plants, 40 CFR 63, Subpart BB, as amended April 20, 2006, is hereby incorporated and adopted by reference.
43. Emission Standards for Hazardous Air Pollutants from Petroleum Refineries, 40 CFR 63, Subpart CC, as amended ~~June 30, 2010~~ ~~October 28, 2009~~, is hereby incorporated and adopted by reference. Only procedures listed in 63.642(k) of 40 CFR 63, Subpart CC shall be used to comply with the emission standard in 63.642(g).
44. Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations, 40 CFR 63, Subpart DD, as amended April 20, 2006, is hereby incorporated and adopted by reference.

45. Emission Standards for Magnetic Tape Manufacturing Operations, 40 CFR 63, Subpart EE, as amended June 23, 2003, is hereby incorporated and adopted by reference.
46. [reserved]
47. Emission Standards for Aerospace Manufacturing and Rework Facilities, 40 CFR 63, Subpart GG, as amended April 20, 2006, is hereby incorporated and adopted by reference.
48. Emission Standards for Hazardous Air Pollutants for Source Categories: Oil & Natural Gas Production Facilities, 40 CFR 63, Subpart HH, as amended December 22, 2008, is hereby incorporated and adopted by reference.
49. Emission Standards for Shipbuilding and Ship Repair (Surface Coating), 40 CFR 63, Subpart II, as amended June 23, 2003, is hereby incorporated and adopted by reference.
50. Emission Standards for Wood Furniture Manufacturing Operations, 40 CFR 63, Subpart JJ, as amended June 23, 2003, is hereby incorporated and adopted by reference.
51. Emission Standards for the Printing and Publishing Industry, 40 CFR 63, Subpart KK, as amended May 24, 2006, is hereby incorporated and adopted by reference.
52. Emission Standards for Hazardous Air Pollutants for Source Categories: Primary Aluminum Reduction Plants, 40 CFR 63, Subpart LL, as amended April 20, 2006, is hereby incorporated and adopted by reference.
53. Emission Standards for Hazardous Air Pollutants for Source Categories: Combustion Sources at Kraft, Soda, and Sulfite Pulp and Paper Mills, 40 CFR 63, Subpart MM, as amended April 20, 2006, is hereby incorporated and adopted by reference.
54. [reserved]
55. Emission Standards for Tanks-Level 1, 40 CFR 63, Subpart OO, as amended June 23, 2003, is hereby incorporated and adopted by reference.
56. Emission Standards for Containers, 40 CFR 63, Subpart PP, as amended June 23, 2003, is hereby incorporated and adopted by reference.
57. Emission Standards for Surface Impoundments, 40 CFR 63, Subpart QQ, as amended June 23, 2003, is hereby incorporated and adopted by reference.
58. Emission Standards for Individual Drain Systems, 40 CFR 63, Subpart RR, as amended June 23, 2003, is hereby incorporated and adopted by reference.
59. Emission Standards for Hazardous Air Pollutants from: Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process, 40 CFR 63, Subpart SS, as amended April 20, 2006, is hereby incorporated and adopted by reference.

Chapter 391-3-1

Rules for Air Quality Control

60. Emission Standards for Hazardous Air Pollutants from Equipment Leaks--Control Level 1, 40 CFR 63, Subpart TT, as amended July 12, 2002, is hereby incorporated and adopted by reference.
61. Emission Standards for Hazardous Air Pollutants from Equipment Leaks--Control Level 2 Standards, 40 CFR 63, Subpart UU, as amended July 12, 2002, is hereby incorporated and adopted by reference.
62. Emission Standards for Oil-Water Separators and Organic-Water Separators, 40 CFR 63, Subpart VV, as amended June 23, 2003, is hereby incorporated and adopted by reference.
63. Emission Standards for Hazardous Air Pollutants from Storage Vessels (Tanks)--Control Level 2, 40 CFR 63, Subpart WW, as amended July 12, 2002, is hereby incorporated and adopted by reference.
64. Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations, 40 CFR Part 63, Subpart XX, as amended April 13, 2005, is hereby incorporated and adopted by reference.
65. Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards, 40 CFR 63, Subpart YY, as amended April 20, 2006, is hereby incorporated and adopted by reference.
66. [reserved]
67. [reserved]
68. [reserved]
69. Emission standards for Hazardous Air Pollutants for Source Categories: Steel Pickling -- HCl Process Facilities and Hydrochloric Acid Regeneration Plants, 40 CFR 63, Subpart CCC, as amended April 20, 2006, is hereby incorporated and adopted by reference.
70. Emission Standards for Hazardous Air Pollutants for Source Categories: Mineral Wool Production, 40 CFR 63, Subpart DDD, as amended June 23, 2003, is hereby incorporated and adopted by reference.
71. Emission Standards for Hazardous Air Pollutants for Source Categories: Hazardous Waste Combustors, 40 CFR 63, Subpart EEE, as amended October 28, 2008, is hereby incorporated and adopted by reference.
72. [reserved]
73. Emission Standards for Hazardous Air Pollutants for Source Categories: Pharmaceuticals Production, 40 CFR 63, Subpart GGG, as amended December 22, 2008, is hereby incorporated and adopted by reference.

Chapter 391-3-1

Rules for Air Quality Control

74. Emission Standards for Hazardous Air Pollutants for Source Categories: Natural Gas Transmission and Storage Facilities, 40 CFR 63, Subpart HHH, as amended December 22, 2008, is hereby incorporated and adopted by reference.
75. Emission Standards for Hazardous Air Pollutants for Source Categories: Flexible Polyurethane Foam Production, 40 CFR 63, Subpart III, as amended June 23, 2003, is hereby incorporated and adopted by reference.
76. Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins, 40 CFR 63, Subpart JJJ, as amended December 22, 2008, is hereby incorporated and adopted by reference.
77. [reserved]
78. Emission Standards for Hazardous Air Pollutants for Source Categories: Portland Cement Manufacturing Industry, 40 CFR 63, Subpart LLL, as amended ~~December 20, 2006~~ September 9, 2010, is hereby incorporated and adopted by reference.
79. Emission Standards for Hazardous Air Pollutants for Source Categories: Pesticide Active Ingredient Production, 40 CFR 63, Subpart MMM, as amended April 20, 2006, is hereby incorporated and adopted by reference.
80. Emission Standards for Hazardous Air Pollutants for Source Categories: Wool Fiberglass Manufacturing, 40 CFR 63, Subpart NNN, as amended April 20, 2006, is hereby incorporated and adopted by reference.
81. Emission Standards for Hazardous Air Pollutants for Source Categories: Amino/Phenolic Resins Production, 40 CFR 63, Subpart OOO, as amended April 20, 2006, is hereby incorporated and adopted by reference.
82. Emission Standards for Hazardous Air Pollutants for Source Categories: Polyether Polyols Production, 40 CFR 63, Subpart PPP, as amended April 20, 2006, is hereby incorporated and adopted by reference.
83. Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting, 40 CFR Part 63, Subpart QQQ, as amended April 20, 2006, is hereby incorporated and adopted by reference.
84. Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production, 40 CFR, 63, Subpart RRR, as amended April 20, 2006, is hereby incorporated and adopted by reference.
85. [reserved]
86. Emission Standards for Hazardous Air Pollutants for Source Categories: Primary Lead Smelting, 40 CFR 63, Subpart TTT, as amended April 20, 2006, is hereby incorporated and adopted by reference.

Chapter 391-3-1

Rules for Air Quality Control

87. Emission Standards for Petroleum Refineries: Catalytic Cracking, Catalytic Reforming, and Sulfur Plant Units, 40 CFR Part 63, Subpart UUU, as amended April 20, 2006, is hereby incorporated and adopted by reference.
88. Emission Standards for Hazardous Air Pollutants for Source Categories: Publicly Owned Treatment Works, 40 CFR 63, Subpart VVV, as amended December 22, 2008, is hereby incorporated and adopted by reference.
89. [reserved]
90. Emission Standards for Hazardous Air Pollutants for Source Categories: Ferroalloys Production: Ferromanganese and Silicomanganese, 40 CFR 63, Subpart XXX, as amended April 20, 2006, is hereby incorporated and adopted by reference.
91. [reserved]
92. [reserved]
93. Emission Standards for Hazardous Air Pollutants for Source Categories: Municipal Solid Waste Landfills, 40 CFR Part 63, Subpart AAAA, as amended April 20, 2006, is hereby incorporated and adopted by reference.
94. [reserved]
95. Emission Standards for Hazardous Air Pollutants for Source Categories: Nutritional Yeast Manufacturing, 40 CFR Part 63, Subpart CCCC, as amended April 20, 2006, is hereby incorporated and adopted by reference.
96. Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products, 40 CFR Part 63, Subpart DDDD, as amended October 29, 2007, is hereby incorporated and adopted for reference.
97. Emission Standards for Hazardous Air Pollutants: Organic Liquid Distribution (non-gasoline), 40 CFR Part 63, Subpart EEEE, as amended December 22, 2008, is hereby incorporated and adopted for reference.
98. Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing, 40 CFR Part 63, Subpart FFFF, as amended December 22, 2008, is hereby incorporated and adopted by reference.
99. Emission Standards for Hazardous Air Pollutants for Source Categories: Vegetable Oil Production, 40 CFR Part 63, Subpart GGGG, as amended April 20, 2006, is hereby incorporated and adopted by reference.
100. Emission Standards for Hazardous Air Pollutants for Wet Formed Fiberglass Mat Production, 40 CFR Part 63, Subpart HHHH, as amended April 20, 2006, is hereby incorporated and adopted by reference.
101. Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and

Chapter 391-3-1

Rules for Air Quality Control

Light-Duty Trucks, 40 CFR Part 63, Subpart IIII, as amended April 24, 2007, is hereby incorporated and adopted by reference.

102. Emission Standards for Hazardous Air Pollutants for Paper and Other Web Coatings, 40 CFR Part 63, Subpart JJJJ, as amended May 24, 2006, is hereby incorporated and adopted by reference.

103. Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans, 40 CFR Part 63, Subpart KKKK, as amended April 20, 2006, is hereby incorporated and adopted by reference.

104. [reserved]

105. Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products, 40 CFR Part 63, Subpart MMMM, as amended December 22, 2006, is hereby incorporated and adopted by reference.

106. Emission Standards for Hazardous Air Pollutants for Large Appliances Surface Coating Operations, 40 CFR Part 63, Subpart NNNN, as amended April 20, 2006, is hereby incorporated and adopted by reference.

107. Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles, 40 CFR Part 63, Subpart OOOO, as amended May 24, 2006, is hereby incorporated and adopted by reference.

108. Emission Standards for Hazardous Air Pollutants: Surface Coating of Plastic Parts and Products, 40 CFR Part 63, Subpart PPPP, as amended April 24, 2007, is hereby incorporated and adopted by reference.

109. Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products, 40 CFR Part 63, Subpart QQQQ, as amended April 20, 2006, is hereby incorporated and adopted by reference.

110. Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture, 40 CFR Part 63, Subpart RRRR, as amended April 20, 2006, is hereby incorporated and adopted by reference.

111. Emission Standards for Hazardous Air Pollutants for Metal Coil Surface Coating Operations, 40 CFR Part 63, Subpart SSSS, as amended March 17, 2003, is hereby incorporated and adopted by reference.

112. Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations, 40 CFR Part 63, Subpart TTTT, as amended February 7, 2005, is hereby incorporated and adopted by reference.

113. Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing, 40 CFR Part 63, Subpart UUUU, as amended December 22, 2008, is hereby incorporated and adopted by reference.

Chapter 391-3-1

Rules for Air Quality Control

114. Emission Standards for Hazardous Air Pollutants for Source Categories: Boat Manufacturing, 40 CFR Part 63, Subpart VVVV, as amended October 3, 2001, is hereby incorporated and adopted by reference.

115. Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production, 40 CFR Part 63, Subpart WWWW, as amended April 20, 2006, is hereby incorporated and adopted by reference.

116. Emission Standards for Hazardous Air Pollutants for Tire Manufacturing, 40 CFR Part 63, Subpart XXXX, as amended April 20, 2006, is hereby incorporated and adopted by reference.

117. Emission Standards for Hazardous Air Pollutants for Stationary Combustion Engines, 40 CFR Part 63, Subpart YYYY, as amended April 20, 2006, is hereby incorporated and adopted by reference.

118. Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines, 40 CFR Part 63, Subpart ZZZZ, as amended ~~March 3~~ August 20, 2010, is hereby incorporated and adopted by reference.

119. Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants, 40 CFR Part 63, Subpart AAAAA, as amended April 20, 2006, is hereby incorporated and adopted by reference.

120. Emission Standards for Hazardous Air Pollutants: Semiconductor Manufacturing, 40 CFR Part 63, Subpart BBBB, as amended July 22, 2008, is hereby incorporated and adopted by reference.

121. Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks, 40 CFR Part 63, Subpart CCCCC, as amended April 20, 2006, is hereby incorporated and adopted by reference.

122. [reserved]

123. Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries, 40 CFR 63, Subpart EEEEE, as amended February 7, 2008, is hereby incorporated by reference.

124. Emission Standards for Hazardous Air Pollutants: Integrated Iron and Steel Manufacturing, 40 CFR Part 63, Subpart FFFFF, as amended July 13, 2006, is hereby incorporated and adopted by reference.

125. Emission Standards for Hazardous Air Pollutants: Site Remediation, 40 CFR Part 63, Subpart GGGGG, as amended December 22, 2008, is hereby incorporated and adopted by reference.

126. Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing, 40 CFR Part 63, Subpart HHHHH, as amended December 22, 2008, is hereby incorporated and adopted by reference.

127. Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell

Chapter 391-3-1

Rules for Air Quality Control

Chlor-Alkali Plants, 40 CFR Part 63, Subpart IIIII, as amended April 20, 2006, is hereby incorporated and adopted by reference.

128. [reserved]

129. [reserved]

130. Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing, 40 CFR Part 63, Subpart LLLLL, as amended April 20, 2006, is hereby incorporated and adopted by reference.

131. Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations, 40 CFR Part 63, Subpart MMMMM, as amended April 20, 2006, is hereby incorporated and adopted by reference.

132. Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production, 40 CFR Part 63, Subpart NNNNN, as amended April 20, 2006, is hereby incorporated and adopted by reference.

133. [reserved]

134. Emission Standards for Hazardous Air Pollutants: Engine Test Cells/Standards, 40 CFR Part 63, Subpart PPPPP, as amended April 20, 2006, is hereby incorporated and adopted by reference.

135. Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities, 40 CFR Part 63, Subpart QQQQQ, as amended April 20, 2006, is hereby incorporated and adopted by reference.

136. Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing, 40 CFR Part 63, Subpart RRRRR, as amended April 20, 2006, is hereby incorporated and adopted by reference.

137. Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing, 40 CFR Part 63, Subpart SSSSS, as amended April 20, 2006, is hereby incorporated and adopted by reference.

138. Emission Standards for Hazardous Air Pollutants for Primary Magnesium Manufacturing, 40 CFR Part 63, Subpart TTTTT, as amended April 20, 2006, is hereby incorporated and adopted by reference.

139. [reserved]

140. [reserved]

141. Emission Standards for Hospital Ethylene Oxide Sterilizers, 40 CFR Part 63, Subpart WWWW, as promulgated December 28, 2007, is hereby incorporated and adopted by reference.

Chapter 391-3-1

Rules for Air Quality Control

142. [reserved]

143. Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities, 40 CFR Part 63, Subpart YYYYYY, as promulgated December 28, 2007, is hereby incorporated and adopted by reference.

144. Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources, 40 CFR Part 63, Subpart ZZZZZ, as promulgated January 2, 2008, is hereby incorporated and adopted by reference.

145. [reserved]

146. Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Bulk Terminals, Bulk Plants, and Pipeline Facilities, 40 CFR Part 63, Subpart BBBBBB, as amended ~~March 7, 2008~~ January 24, 2011, is hereby incorporated and adopted by reference.

147. Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities, 40 CFR Part 63, Subpart CCCCCC, as amended ~~June 25, 2008~~ January 24, 2011, is hereby incorporated and adopted by reference.

148. Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources, 40 CFR Part 63, Subpart DDDDDD, as promulgated January 23, 2007, is hereby incorporated and adopted by reference.

149. Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources, 40 CFR Part 63, Subpart EEEEEEE, as amended July 3, 2007, is hereby incorporated and adopted by reference.

150. Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources, 40 CFR Part 63, Subpart FFFFFFF, as amended July 3, 2007, is hereby incorporated and adopted by reference.

151. Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources – Zinc, Cadmium, and Beryllium, 40 CFR Part 63, Subpart GGGGGG, as promulgated January 23, 2007, is hereby incorporated and adopted by reference.

152. Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR Part 63, Subpart HHHHHH, as amended February 13, 2008, is hereby incorporated and adopted by reference.

153. [reserved]

154. [reserved]

155. [reserved]

156. Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources, 40 CFR Part 63, Subpart LLLLLL, as amended March 26, 2008, is hereby incorporated and adopted by reference.

157. Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources, 40 CFR Part 63, Subpart MMMMMM, as amended March 26, 2008, is hereby incorporated and adopted by reference.
158. Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources: Chromium Compounds, 40 CFR Part 63, Subpart NNNNNN, as amended March 26, 2008, is hereby incorporated and adopted by reference.
159. Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources, 40 CFR Part 63, Subpart OOOOOO, as amended March 26, 2008, is hereby incorporated and adopted by reference.
160. Emission Standards for Hazardous Air Pollutants for Lead Acid Battery Manufacturing Area Sources, 40 CFR Part 63, Subpart PPPPPP, as amended March 26, 2008, is hereby incorporated and adopted by reference.
161. Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources, 40 CFR Part 63, Subpart QQQQQQ, as amended March 26, 2008, is hereby incorporated and adopted by reference.
162. Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources, 40 CFR Part 63, Subpart RRRRRR, as promulgated December 26, 2007, is hereby incorporated and adopted by reference.
163. Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources, 40 CFR Part 63, Subpart SSSSSS, as promulgated December 26, 2007, is hereby incorporated and adopted by reference.
164. Emission Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals Processing Area Sources, 40 CFR Part 63, Subpart TTTTTT, as promulgated December 26, 2007, is hereby incorporated and adopted by reference.
165. [reserved]
166. Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources, 40 CFR Part 63, Subpart VVVVVV, as ~~promulgated~~amended October 29, 2009December 14, 2010, is hereby incorporated and adopted by reference.
167. Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations, 40 CFR Part 63, Subpart WWWWWW, as promulgated July 1, 2008, is hereby incorporated and adopted by reference.
168. Emission Standards for Hazardous Air Pollutants: Area Source Standards for Nine Metal Fabrication and Finishing Source Categories, 40 CFR Part 63, Subpart XXXXXX, as promulgated July 23, 2008, is hereby incorporated and adopted by reference.

Chapter 391-3-1

Rules for Air Quality Control

169. Emission Standards for Hazardous Air Pollutants for Area Sources: Ferroalloys Production Facilities, 40 CFR Part 63, Subpart YYYYYY, as promulgated December 23, 2008, is hereby incorporated and adopted by reference.

170. Emission Standards for Hazardous Air Pollutants: Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries, 40 CFR Part 63, Subpart ZZZZZZ, as amended September 10, 2009, is hereby incorporated and adopted by reference.

171. Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing, 40 CFR Part 63, Subpart AAAAAAA, as amended March 185, 2010, is hereby incorporated and adopted by reference.

172. Emission Standards for Hazardous Air Pollutants for Area Sources: Chemical Preparations Industry, 40 CFR Part 63, Subpart BBBBBBB, as promulgated December 30, 2009, is hereby incorporated and adopted by reference.

173. Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing, 40 CFR Part 63, Subpart CCCCCC, as amended ~~March 18~~ June 3, 2010, is hereby incorporated and adopted by reference.

174. Emission Standards for Hazardous Air Pollutants: Area Source Standards for Prepared Feeds Manufacturing, 40 CFR Part 63, Subpart DDDDDDD, as ~~promulgated~~ amended January 5July 20, 2010, is hereby incorporated and adopted by reference.

Rule 391-3-1-.03(11), "Permit by Rule," is being amended to read as follows:

(11) Permit by Rule.

(a) General Requirements.

1. Accepting a Permit by Rule does not exempt that facility from the obligation to apply for and obtain a Construction (SIP) Permit and/or an Operating (SIP) Permit unless specifically exempted in the permit by rule. Complying with the requirements of a Permit by Rule does not relieve a facility of having to comply with other requirements of the Rules.

2. The permitting authority may, after notice and opportunity for public participation, issue a Permit by Rule covering numerous similar sources. Any Permit by Rule shall identify criteria and standards by which sources may qualify for the Permit by Rule. Any facility wishing to operate under a Permit by Rule shall certify that in writing to the permitting authority, unless specifically exempted from this requirement in the specific Permit by Rule. To sources that qualify, the permitting authority shall grant the conditions and terms of the Permit by Rule by Certification letter. Notwithstanding the shield provisions of 40 CFR Part 70.6(f), the source shall be subject to enforcement action for operation without a Part 70 Permit if the source is later determined not to qualify for the conditions and terms of the Permit by Rule.

3. It is the responsibility of any facility accepting a "Permit by Rule" to submit a report within 15 days following the last day of any month in which the facility exceeds the annual limit during the previous 12 months or monthly limit during the previous month. The report shall include the

following:

- (i) Facility name, ID, and location.
 - (ii) The "Permit by Rule" name, number and applicable limits.
 - (iii) A summary of the records showing the exceedance along with an explanation.
 - (iv) What the facility plans to do to prevent future occurrences.
- (b) Permit by Rule Standards.

1. Fuel-Burning Equipment Burning Natural Gas/LPG and/or Distillate Oil.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with external combustion fuel burning equipment rated at less than or equal to 100 million BTU per hour, with a potential to emit in excess of the Part 70 major source threshold, without existing ~~federally enforceable permit conditions~~ that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Facilities for which the only source of regulated air pollutants from external combustion fuel-burning equipment (excluding turbines) is from equipment permitted to burn natural gas/LPG and/or distillate oil exclusively shall be deemed to have a Permit by Rule if the conditions in paragraph (I) and (II) are met. Facilities that have potential emissions of greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraphs (I) and (II) shall obtain a Part 70 Permit. All facilities located in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale, which were granted a Permit by Rule by certification letter dated prior to January 1, 2004 and which seek to continue to operate under this Permit by Rule, shall submit a new written certification of compliance with revised paragraphs (I) and (II) by no later than October 31, 2004.

(I) Monitoring and Record keeping. A log of the monthly fuel use must be kept. The total fuel usage for the previous twelve consecutive months must be included in each month's log. Consumption of distillate oil shall be recorded in gallons, consumption of LPG shall be recorded in gallons and consumption of natural gas shall be recorded in cubic feet. This log shall be kept for five years from the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Fuel Usage. Facility fuel usage shall be limited to 900 million cubic feet of natural gas (or 7.0 million gallons of LPG) and 1.6 million gallons of distillate oil during any twelve consecutive months except in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale, where fuel usage shall be limited to 300 million cubic feet of natural gas (or 1.5 million gallons of LPG) and 500,000 gallons of distillate oil during any twelve consecutive months.

2. Fuel-Burning Equipment Burning Natural Gas/LPG and/or Residual Oil.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with external combustion fuel burning equipment rated at less than or equal to 100 million BTU per hour, with a potential to emit in excess of the Part 70 major source threshold without existing

~~federally enforceable~~ permit conditions that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Facilities for which the only source of regulated air pollutants from external combustion fuel burning equipment is from equipment permitted to burn only natural gas/LPG and/or residual fuel oil exclusively shall be deemed to have a Permit by Rule if the conditions in paragraph (I) and (II) are met. Facilities that have potential emissions greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraphs (I) and (II) shall obtain a Part 70 Permit. All facilities located in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale, which were granted a Permit by Rule by certification letter dated prior to January 1, 2004 and which seek to continue to operate under this Permit by Rule, shall submit a new written certification of compliance with revised paragraphs (I) and (II) by no later than October 31, 2004.

(I) Monitoring and Recordkeeping. A log of the monthly fuel use must be kept. The total fuel usage for the previous twelve consecutive months must be included in each month's log. Consumption of residual fuel oil shall be recorded in gallons, consumption of LPG shall be recorded in gallons and consumption of natural gas shall be recorded in cubic feet. This log shall be kept for five years past the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Fuel Usage. Annual facility fuel usage shall be limited to 1,000 million cubic feet of natural gas (or 7.5 million gallons of LPG) and 400,000 gallons residual fuel oil during any twelve consecutive months except in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, or Rockdale, where fuel usage shall be limited to 300 million cubic feet of natural gas (or 1.5 million gallons of LPG) and 200,000 gallons of residual fuel oil.

3. On-Site Power Generation.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with a potential to emit in excess of the Part 70 major source threshold without existing ~~federally enforceable~~ permit conditions that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Facilities that operate internal combustion engines for purposes of generating emergency power, peaking power, and/or temporary on-site power and where such equipment burns natural gas/LPG, #1 fuel oil (kerosene/JP4 or JP5) and/or #2 fuel oil/diesel exclusively shall be deemed to have a Permit by Rule if the conditions in paragraph (I) and (II) are met. Facilities that have potential emissions of greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraphs (I) and (II) shall obtain a Part 70 Permit. All facilities located in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale, which were granted a Permit by Rule by certification letter dated prior to January 1, 2004 and which seek to continue to operate under this Permit by Rule, shall submit a new written certification of compliance with revised paragraphs (I) and (II) by no later than October 31, 2004.

(I) Monitoring and Record Keeping. A log of the monthly total horsepower-hours for the facility based on the number of hours of operation of each unit per month times the maximum horsepower rating of that unit must be included in each month's log. The total horsepower-hours for the previous twelve consecutive months must be included in each month's log. This

log shall be kept for five years from the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Power Production Limits. A facility's power generation is limited to a total of no more than 6.7 million horsepower-hours during any twelve consecutive months except in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale counties, where the total is no more than 1.675 million horsepower-hours during any twelve consecutive months.

4. Concrete Mixing Plants.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with a potential to emit in excess of the Part 70 major source threshold without existing ~~federally enforceable~~ permit conditions that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Concrete mixing plants shall be deemed to have a Permit by Rule if the conditions in paragraph (I) and (II) are met. Facilities that would otherwise have potential emissions of greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraphs (I) and (II) shall obtain a Part 70 Permit.

(I) Monitoring and Recordkeeping. A log of the monthly production must be kept. The total production for the previous twelve consecutive months must be included in each month's log. This log shall be kept for five years from the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Annual Production. Production on the plant site shall be limited to 600,000 cubic yards during any twelve consecutive months.

5. Hot Mix Asphalt Plants.

(i) Notwithstanding any other provision of these Rules, this standard applies to hot mix asphalt facilities with a potential to emit in excess of the Part 70 major source threshold without existing ~~federally enforceable~~ permit conditions that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Hot mix asphalt plants shall be deemed to have a Permit by Rule if the conditions in paragraph (I) and (II) are met. Facilities that would otherwise have potential emissions of greater than major source thresholds or are not able to meet the conditions in paragraphs (I) and (II) shall obtain a Part 70 Permit. All facilities located in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale, which were granted a Permit by Rule by certification letter dated prior to January 1, 2004 and which seek to continue to operate under this Permit by Rule, shall submit a new written certification of compliance with revised paragraphs (I) and (II) by no later than October 31, 2004.

(I) Monitoring and Record Keeping.

I. New asphalt plants (which commenced construction or modification after June 11, 1973) permitted to burn natural gas/LPG and/or distillate oil only shall maintain a monthly log of production and hours of operation. The total production and hours of operation for the previous twelve consecutive months must be included in each month's log. These logs shall be kept for

five years from the date of last entry and shall be available for inspection and/or submittal to the Division.

II. New and existing asphalt plants permitted to burn natural gas/LPG, distillate oil, and residual oil in any combination shall maintain a monthly log of production, hours of operation and monthly fuel use. The total production, hours of operation and fuel oil usage for the previous twelve consecutive months must be included in each month's log. Fuel oil certifications showing sulfur content equal to or less than 1.5% shall also be maintained. These logs and certifications shall be kept for five years from the date of last entry and shall be available for inspection and/or submittal to the Division.

(II) Annual Production.

I. New asphalt plants (which commenced construction or modification after June 11, 1973) permitted to burn natural gas/LPG and/or distillate oil only shall limit:

- A. Production to 400,000 tons during any twelve consecutive months; and
- B. Operations to 3000 hours during any twelve consecutive months.

II. New and existing asphalt plants permitted to burn natural gas/LPG, distillate oil, and residual oil in any combination shall limit:

- A. Production to 200,000 tons during any twelve consecutive months;
- B. Fuel sulfur content to less than or equal to 1.5%;
- C. Operation to 3000 hours during any twelve consecutive months; and
- D. Fuel oil usage to 678,000 gallons during any twelve consecutive months.

III. New asphalt plants (which commenced construction or modification after June 11, 1973) permitted to burn natural gas/LPG and/or distillate oil only, which are located in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding and Rockdale shall limit:

- A. Production to 300,000 tons during any twelve consecutive months; and
- B. Operations to 3000 hours during any twelve consecutive months.

IV. New and existing asphalt plants permitted to burn natural gas/LPG, distillate oil, and residual oil in any combination, which are located in the counties of Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding and Rockdale shall limit:

- A. Production to 125,000 tons during any twelve consecutive months;
- B. Fuel sulfur content to less than or equal to 1.5%;

- C. Operation to 3000 hours during any twelve consecutive months; and
- D. Fuel oil usage to 250,000 gallons during any twelve consecutive months.

6. Cotton Ginning Operations.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with a potential to emit in excess of the Part 70 major source threshold without existing ~~federally enforceable permit conditions~~ that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Cotton ginning operations shall be deemed to have a Permit by Rule if the conditions in paragraph (I) and (II) are met. Facilities that have potential emissions greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraphs (I) and (II) shall obtain a Part 70 Permit.

(I) Monitoring and Record keeping. A log of the monthly production must be kept. The total production for the previous twelve consecutive months must be included in each month's log. This log shall be kept for five years from the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Annual Production. Production shall be limited to 120,000 standard bales of cotton during any twelve consecutive months.

7. Coating and/or Gluing Operations.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with a potential to emit in amounts equal to or exceeding the Part 70 and Part 63 major source thresholds without existing ~~federally enforceable permit conditions~~ that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 or Part 63 major source thresholds. This standard applies only to facilities:

(I) Where the actual VOC emissions from coating and/or gluing operations represent at least 90 percent of the plant wide actual VOC emissions; and

(II) Where the actual HAP emissions from coating and/or gluing operations represent at least 90 percent of the plant wide actual HAP emissions or where the actual HAP emissions from non-coating and non-gluing operations are less than 1.0 tons per year.

(ii) This standard establishes federally enforceable conditions limiting the potential to emit for VOC and HAPs. Coating and/or gluing operations shall be deemed to have a Permit by Rule if the conditions in one of the following paragraphs (I), (II), (III) or (IV) are met. Facilities that have potential emissions of greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraphs (I), (II), (III), or (IV) and the remainder of this subsection shall obtain a Part 70 Permit. In accordance with the General Requirements in subparagraph (11)(a)2., the owner or operator of a facility wishing to operate under this Permit-by-Rule must also declare which of the four options are going to be met.

(I) The owner or operator of the source shall consume less than 20,000 pounds of any VOC and/or HAP containing materials during any twelve consecutive months. A log of the monthly consumption of VOC and/or HAP containing material must be kept. The total consumption for

the previous twelve consecutive months must be included in each month's log. Records for materials (including but not limited to coatings, thinners, and solvents) shall be recorded in pounds. These records shall be maintained and made readily available for inspection for a minimum of five years upon date of entry and shall be submitted to the Division upon request.

(II) The owner or operator of the facility shall use less than 250 total gallons each month, of coating, gluing, cleaning, and washoff materials at the facility. The owner or operator shall demonstrate compliance by maintaining records of the total gallons of coating, gluing, cleaning, and washoff materials used each month. These records shall be maintained and made readily available for inspection for a minimum of five years upon date of entry and shall be submitted to the Division upon request.

(III) The owner or operator of the source shall use less than 3,000 total gallons per rolling 12-month period, of coating, gluing, cleaning, and washoff materials at the facility. A rolling 12-month period includes the previous 12 months of operation. The owner or operator of the facility shall demonstrate compliance by maintaining records of the total gallons of coating, gluing, cleaning, and washoff materials used each month and the total gallons used each rolling 12-month period. These records shall be maintained and made readily available for inspection for a minimum of five years upon date of entry and shall be submitted to the Division upon request.

(IV) The owner or operator of the facility shall use materials containing less than 5 tons of any one HAP per rolling 12-month period, less than 12.5 tons of any combination of HAPs per rolling 12-month period, less than 25 tons of VOC per rolling 12-month period for sources located in ozone non-attainment counties (Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Paulding, and Rockdale counties), and less than 50 tons of VOC per rolling 12-month period for facilities not located in ozone non-attainment counties. The owner or operator shall demonstrate compliance by maintaining records that demonstrate that annual emissions do not exceed these levels, including monthly usage records for each finishing, gluing, cleaning, and washoff material used to include the VOC and individual HAP content of each material; certified product data sheets for these materials; summation of VOC and individual and total HAP usage on a monthly basis; and the total VOC and individual and total HAP usage each rolling 12-month period and any other records necessary to document emissions. These records shall be maintained and made readily available for inspection for a minimum of five years upon date of entry and shall be submitted to the Division upon request.

(iii) The owner or operator that chooses to comply with this Permit by Rule for Coating and/or Operations shall maintain all purchase orders and/or invoices of materials containing VOC's and HAP's for a minimum of five years. These purchase orders and/or invoices must be made available to the Division upon request for use in confirming the general accuracy of the records retained and reports submitted.

(iv) For the purpose of this paragraph, the following definitions apply:

(I) "Certified product data sheet (CPDS)" means documentation furnished by coating or adhesive suppliers or an outside laboratory that provides the Volatile Hazardous Air Pollutant (VHAP), as listed in Table 2 of 40 CFR Part 63, Subpart JJ, content of a finishing material, contact adhesive, or solvent, by percent weight, measured using Method 311 of the Georgia Department of Natural Resources Procedures for Testing and Monitoring Sources of Air

Pollutants (PTM), or an equivalent or alternative method (or formulation data if the coating meets the criteria specified in 40 CFR 63.805(a)); the solids content of a finishing material or contact adhesive by percent weight, determined using data from Method 24 of the Georgia PTM as referenced in this section, or an alternative or equivalent method (or formulation data if the coating meets the criteria specified in 40 CFR 63.805(a)); and the density, measured by Method 24 of the Georgia PTM as referenced in this section or an alternative or equivalent method. Therefore, the reportable VHAP content shall represent the maximum aggregate emissions potential of the finishing material, adhesive, or solvent in concentrations greater than or equal to 1.0 percent by weight or 0.1 percent for VHAP that are carcinogens, must be reported on the CPDS. The purpose of the CPDS is to assist the affected source in demonstrating compliance with the emission limitations presented in subparagraph (11)(b)7.(ii)(IV).

(Note: Because the optimum analytical conditions under Method 311 vary by coating, the coating or adhesive supplier may also choose to include on the CPDS the optimum analytical conditions for analysis of the coating, adhesive, or solvent using Method 311. Such information may include, but not be limited to, separation column, oven temperature, carrier gas, injection port temperature, extraction solvent, and internal standard.)

(II) "Coating" means a protective, decorative, or functional film applied in a thin layer to a surface. Such materials include, but are not limited to, paints, topcoats, varnishes, sealers, stains, washcoats, basecoats, enamels, inks, and temporary protective coatings. Aerosol spray paints used for touch-up and repair are not considered coatings under this section of the rule.

(III) "Gluing" means those operations in which adhesives are used to join components, for example, to apply a laminate to a wood substrate or foam to fabric.

8. Printing Operations.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with a potential to emit in excess of the Part 70 major source threshold without existing ~~federally enforceable~~ permit conditions that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Printing operations shall be deemed to have a Permit by Rule if the conditions in paragraph (I), and (II) are met. Facilities that have potential emissions of greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraphs (I) and (II) shall obtain a Part 70 Permit.

(I) Monitoring and Record keeping. A log of the monthly consumption of VOC and/or Hazardous Air Pollutant containing material must be kept. The total consumption for the previous twelve consecutive months must be included in each month's log. Records for materials (including but not limited to inks, thinners, and solvents) shall be recorded in pounds. This log shall be kept for five years from the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Annual consumption. The consumption of any VOC and/or Hazardous Air Pollutant emitting materials (including but not limited to inks, thinners, and solvents) by the facility shall be limited to 20,000 pounds during any twelve consecutive months.

9. Non-Reactive Mixing Operations.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with a potential to emit in excess of the Part 70 major source threshold without existing ~~federally enforceable~~ permit conditions that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Non-reactive mixing operations shall be deemed to have a Permit by Rule if the conditions in paragraphs (I) through (V) are met. Facilities that have potential emissions of greater than major source thresholds even after this rule is met or are not able to meet the conditions in this rule shall obtain a Part 70 Permit.

(I) Monitoring and Record keeping. A monthly log of materials mixed must be kept. The mixing total for the previous twelve consecutive months must be included in each month's log. Records for materials (including but not limited to coatings, thinners, and solvents) shall be recorded in pounds. This log shall be kept for five years from the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Annual mixing limit. Materials mixed shall be limited to 500 tons during any twelve consecutive months.

(III) Mixing/blending tanks shall be equipped with lids.

(IV) Tank lids must be closed at all times during operation except when charging raw materials, retrieving samples, or discharging finished product.

(V) Mixing tanks must be maintained at a temperature of less than 150°F.

10. Fiberglass Molding and Forming Operations.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with a potential to emit in excess of the Part 70 major source threshold without existing ~~federally enforceable~~ permit conditions that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source thresholds. Fiberglass molding operations shall be deemed to have a Permit by Rule if the conditions in paragraph (I) and (II) are met. Facilities that have potential emissions greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraphs (I) and (II) shall obtain a Part 70 Permit.

(I) Monitoring and Record keeping. A log of the combined monthly usage of polyester resin and gel coat must be kept. The previous twelve consecutive month material usage total must be included in each month's log. Records for the combined weight of polyester resin and gel coat shall be recorded in pounds. This log shall be kept for five years from the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Material Usage. Annual facility material usage shall be limited to 89,000 pounds during any twelve consecutive months for any combination of hand and spray lay-up operations. Annual facility material usage shall be limited to 120,000 pounds during any twelve consecutive months for spray lay-up operations only. This material input must represent the combined weight of polyester resin and gel coat used during any twelve consecutive months.

11. Peanut/Nut Shelling Operation.

(i) Notwithstanding any other provision of these Rules, this standard applies to facilities with a potential to emit in excess of the Part 70 major source threshold without existing ~~federally enforceable~~ permit conditions that are federally enforceable or enforceable as a practical matter limiting the source to below Part 70 major source threshold. Peanut/nut shelling facilities shall be deemed to have a Permit by Rule if the conditions in paragraph (I), (II) and (III) are met. Facilities that have potential emissions greater than major source thresholds even after this rule is met or are not able to meet the conditions in paragraph (I), (II) and (III) shall obtain a Part 70 Permit.

(I) Monitoring and Recordkeeping. A log of the monthly unshelled peanuts/nuts processed must be kept. The total amount of unshelled peanuts/nuts processed for the previous 12 consecutive months must be included in each month's log. This log shall be kept for five years from the date of last entry. The log shall be available for inspection or submittal to the Division.

(II) Annul Process input: Facility process input shall be limited to 130,000 tons of unshelled nuts during any twelve consecutive months.

(III) Annual hours of operation shall not exceed 5000 hours during any twelve consecutive months.

(ii) For the purposes of this standard, the term process, as it applies to peanut/nut shelling facilities, shall include all of the activities associated with the nut shelling process from nut drying, cleaning, shelling, to and including product and waste material handling at the facility.

Authority: O.C.G.A. Section 12-9-1 et seq., as amended.