

CHAPTER 6. NEW SOURCE PERFORMANCE STANDARDS

ARTICLE 1. ADOPTED DOCUMENTS

6-1-010. General

- A. The purpose of this article is to establish acceptable design and performance criteria for specified sources subject to the standards enumerated in this Article, which standards generally apply to new or modified emission sources.
- B. The provisions of this article apply to the owner or operator of any stationary source which contains an affected facility on which the construction, reconstruction, or a modification is commenced after the date of publication of any standard applicable to such facility in 40 C.F.R. Part 60, or otherwise fall within the applicability provisions of any specific standard. Any such stationary source must also comply with other regulations of the Pinal County Air Quality Control District.
- C. Pinal County shall enforce the new source performance standards listed in §6-1-030. To the extent that the Administrator of the United States Environmental Protection Agency may delegate to the District administrative or enforcement authority with respect to any specific standard, the District shall effect such administration or enforcement to the extent and in the manner allowed by law. Incorporation by reference does not include nondelegable functions of the EPA Administrator, including but not limited to approval of alternative or equivalent test methods. As used in 40 C.F.R. 60: "Administrator" means the Control Office of Pinal County Air Quality Control District, except that the Control Officer shall not be authorized to approve alternate or equivalent test methods, alternative standards or work practices, equivalency determinations or innovative technology waivers as covered in Section 111(h) "Design, equipment, work practice, or operations standard; alternative emission limitation, " and Section 111(j) " Innovative technological systems of continuous emission reduction" of the FACA.
- D. Reserved.
- E. All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this Chapter shall also be submitted to the Pinal County Air Quality Control District, P.O. Box 987, Florence, Arizona 85232.
- F. The District shall maintain a publicly accessible copy of each Subpart of the C.F.R. incorporated under this Article.

[Adopted effective November 3, 1993. Amended February 22, 1995. Amended June 20, 1996. Revised July 12, 2000, subject to EPA approval of corresponding revision to the local Title V permit program as granted interim approval at 61 FR 55910 (10/30/96).]

6-1-020. Definitions

For the purpose of this article, the following definitions shall apply:

1. **AFFECTED FACILITY** - With reference to a stationary source, any apparatus to which a standard is applicable.
2. **COMMENCED** - With respect to the definition of "new source" in the Clean Air Act §111(a)(2) (1990), that an owner or operator has undertaken a continuous program of construction, reconstruction, or modification or that an owner or operator has entered into a

contracted obligation to undertake and complete, within a reasonable time, a continuous program of construction, reconstruction, or modification.

3. CONSTRUCTION - The fabrication, erection, or installation of an affected facility.
4. EXISTING SOURCE - Any stationary source of air pollution which is not subject to a new source performance standard under this Article.
5. MODIFICATION - Any physical change in, or change in the method of operation of, an existing facility which increases the amount of any air contaminant (to which a standard applies) emitted into the atmosphere by that facility or which results in the emission of any air contaminant (to which a standard applies) into the atmosphere not previously emitted.
6. NEW SOURCE - Any stationary source of air pollution which is subject to an applicable new source performance standard under this Article.
7. OWNER or OPERATOR - Any person who owns, leases, operates, controls, or supervises an affected facility or a stationary source of which an affected facility is a part.
8. STANDARD - A standard of performance promulgated or adopted under this chapter.
9. STATIONARY SOURCE - Any building, structure, facility, or installation which, at a fixed location, emits or may emit any air pollutant.

[Adopted effective November 3, 1993. Amended February 22, 1995.]

6-1-030. Performance standards

The standards of performance established in those subparts of 40 C.F.R. Part 60, adopted or revised as of July 1, 2010, or such other adoption date as specified below, and listed below, including all accompanying appendices, are adopted by reference:

1. SUBPART A - General Provisions
2. SUBPART D - Fossil Fuel-Fired Steam Generators for which construction is commenced after August 17, 1971
3. SUBPART Da - Electric Utility Steam Generating Units for which construction is commenced after September 18, 1978
4. SUBPART Db - Utility Industrial, Commercial, Institutional Steam Generating Units
5. SUBPART Dc - Small Industrial, Commercial, Institutional Steam Generating Units
6. SUBPART E - Incinerators
7. SUBPART Ea - Municipal Waste Combustors for which Construction is Commenced after December 20 1989, and on or before September 20, 1994
8. Subpart Eb - Municipal Waste Combustors for which Construction is Commenced after September 20, 1994 or for which modification or reconstruction is commenced after June 19, 1996 .
9. Subpart Ec - Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for which construction commenced after June 20, 1996.
10. SUBPART F - Portland Cement Plants
11. SUBPART G - Nitric Acid Plants
12. SUBPART H - Sulfuric Acid Plants
13. SUBPART I - Asphaltic Concrete Plants
14. SUBPART J - Petroleum Refineries
15. SUBPART K - Storage Vessels of Petroleum Liquids for which construction, reconstruction or modification commenced after June 11, 1973 and prior to May 19, 1978
16. SUBPART Ka - Volatile Organic Liquid Storage Vessels for which construction, reconstruction or modification commenced after May 18, 1978 and prior to July 23, 1984

17. SUBPART Kb - Volatile Organic Liquid Storage Vessels for which construction, reconstruction or modification commenced after July 23, 1984 (including petroleum liquid storage vessels)
18. SUBPART L - Secondary Lead Smelters
19. SUBPART M - Secondary Brass and Bronze Production Plants
20. SUBPART N - Iron and Steel Plants from Basic Oxygen Process Furnaces
21. SUBPART Na - Iron and Steel Plants - Secondary Emissions from Basic Oxygen Process Furnaces for which construction commenced after January 20, 1983
22. SUBPART O - Sewage Treatment Plants
23. SUBPART P - Primary Copper Smelters
24. SUBPART Q - Primary Zinc Smelters
25. SUBPART R - Primary Lead Smelters
26. SUBPART S - Primary Aluminum Reduction Plants; except 60.195(b)
27. SUBPART T - Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants
28. SUBPART U - Phosphate Fertilizer Industry: Superphosphoric Acid Plants
29. SUBPART V - Phosphate Fertilizer Industry: Diammonium Phosphate Plants
30. SUBPART W - Phosphate Fertilizer Industry: Triple Superphosphate Plants
31. SUBPART X - Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities
32. SUBPART Y - Coal Preparation Plants
33. SUBPART Z - Ferro-Alloy Production Facilities
34. SUBPART AA - Steel Plants: Electric Arc Furnaces constructed after October 21, 1974 and on or before August 17, 1983
35. SUBPART AAa - Steel Plants: Electric Arc Furnaces and Argon Oxygen Decarburization Vessels constructed after August 17, 1983
36. SUBPART BB - Kraft Pulp Mills
37. SUBPART CC - Glass Manufacturing Plants
38. SUBPART DD - Grain Elevators
39. SUBPART EE - Surface Coating of Metal Furniture
40. SUBPART GG - Stationary Gas Turbines
41. SUBPART HH - Lime Manufacturing Plants
42. SUBPART KK - Lead-Acid Battery Manufacturing Plants
43. SUBPART LL - Metallic Mineral Processing Plants
44. SUBPART MM - Automobile and Light Duty Truck Surface Coating Operations
45. SUBPART NN - Phosphate Rock Plants
46. SUBPART PP - Ammonium Sulfate Manufacture
47. SUBPART QQ - Graphic Arts Industry: Publication Rotogravure Printing
48. SUBPART RR - Pressure Sensitive Tape and Label Surface Coating Operations
49. SUBPART SS - Industrial Surface Coating: Large Appliances
50. SUBPART TT - Metal Coil Surface Coating
51. SUBPART UU - Asphalt Processing and Asphalt Roofing Manufacture
52. SUBPART VV - Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry
53. SUBPART WW - Beverage Can Surface Coating Industry
54. SUBPART XX - Bulk Gasoline Terminals
55. SUBPART AAA - New Residential Wood Heaters
56. SUBPART BBB - Rubber Tire Manufacturing Plants
57. SUBPART DDD - Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry

58. SUBPART FFF - Flexible Vinyl and Urethane Coating and Printing
59. SUBPART GGG - Equipment Leaks of VOC in Petroleum Refineries
60. SUBPART HHH - Synthetic Fiber Production Facilities
61. SUBPART III - Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes
62. SUBPART JJJ - Petroleum Dry Cleaners
63. SUBPART KKK - Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
64. SUBPART LLL - Onshore Natural Gas Processing: SO₂ Emissions
65. SUBPART NNN - Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Distillation Operations
66. SUBPART OOO - Non-Metallic Mineral Processing Plants
67. SUBPART PPP - Wool Fiberglass Insulation Manufacturing Plants
68. SUBPART QQQ - Petroleum Refinery Wastewater Systems
69. Subpart RRR - Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes
70. SUBPART SSS - Magnetic Tape Coating Facilities
71. SUBPART TTT - Industrial Surface Coating: Plastic Parts for Business Machines
72. Subpart UUU - Calciners and Dryers in Mineral Industries.
73. Subpart VVV - Polymeric Coating of Supporting Substrates Facilities.
74. Subpart WWW - Municipal Solid Waste Landfills.
75. Subpart AAAA - Standards of Performance for Small Municipal Waste Combustion Units for Which Construction is Commenced After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001
76. Subpart BBBB - Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999
77. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 for Which Modification or Reconstruction is Commenced on or After June 1, 2001
78. Subpart DDDD - Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction On or Before November 30, 1999.
79. Subpart EEEE – Other Solid Waste Incineration Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced on or After June 16, 2006.
80. Subpart FFFF – Other Solid Waste Incineration Units for Which Construction is Commenced On or Before December 9, 2004.
81. Subpart IIII – Stationary Compression Ignition Internal Combustion Engines
82. Subpart JJJJ – Stationary Spark Ignition Internal Combustion Engines
83. Subpart KKKK – Stationary Combustion Turbines

[Adopted effective November 3, 1993. Amended February 22, 1995. Amended June 20, 1996. Revised May 14, 1997. Revised May 27, 1998 and ratified July 29, 1998. Revised July 12, 2000, subject to EPA approval of revision to Title V program as granted interim approval at 61 FR 55910 (10/30/96). Amended December 3, 2003. Amended June 28, 2006, Amended October 13, 2010.]

6-1-040. Standards of Performance for New Storage Vessels for Petroleum Liquids.

- A. This section shall apply to a person installing a new storage vessel for petroleum liquids after May 14, 1979.
- B. In addition to any applicable requirements under 40 CFR §§60.110 - 60.113:
 - 1. Any petroleum liquid storage tank of less than 40,000 gallons capacity shall be equipped with a submerged filling device or acceptable equivalent as determined by the Control Officer for the control of hydrocarbon emissions.
 - 2. All facilities for dock loading of petroleum products having a vapor pressure of 2.0 pounds per square inch absolute, or greater, at loading pressure shall provide for submerged filling or other acceptable equivalent for control of hydrocarbon emissions.
 - 3. All pumps and compressors which handle volatile organic compounds shall be equipped with mechanical seals or other equipment of equal efficiency to prevent the release of organic contaminants into the atmosphere.

[Adopted February 22, 1995.]