

## COUNTY NOTICES PURSUANT TO A.R.S. § 49-112

Because each county writes rules and regulations in its own unique style, County Notices published in the *Register* do not conform to the standards of the *Arizona Rulemaking Manual*. With the exception of minor formatting changes, the rules (including subsection labeling, spelling, grammar, and punctuation) are reproduced as submitted.

### NOTICE OF FINAL RULEMAKING

#### PIMA COUNTY CODE

#### TITLE 17 - AIR QUALITY CONTROL CHAPTER 4 - GENERAL PROVISIONS CHAPTER 12 - PERMITS AND PERMIT REVISIONS CHAPTER 16 - EMISSION LIMITING STANDARDS

[M08-249]

#### PREAMBLE

**1. Sections Affected**                      **Rulemaking Action**

PCC 17.04.070	Amend
PCC 17.04.340	Amend
PCC 17.12.045	Amend
PCC 17.12.050	Amend
PCC 17.12.180	Amend
PCC 17.12.320	Amend
PCC 17.12.365	Amend
PCC 17.16.330	Repeal
PCC 17.16.490	Amend
PCC 17.16.530	Amend
PCC 17.16.600	Amend

**2. Statutory authority for the rulemaking:**

Authorizing Statutes: Arizona Revised Statutes (A.R.S.) §§ 49-402, 49-479 and 11-251.08

Implementing Statutes: A.R.S. §§ 49-112, 49-480 and 11-251.08

**3. The effective date of the rule:**

June 12, 2008

**4. List of all previous notices appearing in the Register addressing the final rule.**

Notice of Expedited Rulemaking: 14 A.A.R. 899, March 28, 2008

**5. The name and address of agency personnel with whom persons may communicate regarding the rulemaking:**

Name: Stacey Smith  
Address: Pima County DEQ  
33 N. Stone, Suite 730  
Tucson, AZ 85701  
Telephone: (520) 243-7322  
Fax: (520) 243-7340  
E-mail: stacey.smith@deq.pima.gov

**6. An explanation of the rule, including the control officer's reasons for initiating the rule:**

**Summary:**

Pima County Department of Environmental Quality (PDEQ) periodically updates and conforms to the Code of Federal Regulations (CFR) in an effort to achieve consistency and accuracy in Title 17 of the Pima County Code. PDEQ is adopting new and updated incorporations by reference of the following federal regulations: Acid Rain, National Emission Standards for Hazardous Air Pollutants (NESHAP), New Source Performance Standards (NSPS),

and other parts of Title 40 CFR. The federal regulations would be incorporated as of February 1, 2008. PDEQ's intention in updating the incorporations by reference is to continue its delegated authority from EPA to implement and enforce the Acid Rain, NESHAP, and NSPS programs in Pima County. In addition, PDEQ is updating the definition of "Volatile Organic Compounds (VOC)" to conform to federal regulations and repealing Section 17.16.330 Standards of performance for kraft pulp mills to conform to Arizona Administrative Code Title 18.

PDEQ is also making technical changes to Sections 17.04.070, 17.12.045, 17.12.050, 17.12.180, 17.12.320, 17.12.365, 17.16.490, 17.16.530 and 17.16.600. These technical changes include updating addresses or including the addresses where publications may be obtained, adding the phrases "as an applicable requirement" and "no future editions or amendments" to the incorporations by reference and improving the clarity and consistency of language used.

**Acid Rain:** Federal regulations already incorporated by reference from 40 CFR 72, 74, 75, 76 and all accompanying appendices have been updated from July 1, 2004 to February 1, 2008, at Section 17.12.365.

**NESHAP and NSPS:** Federal regulations already incorporated by reference from 40 CFR 60, 61 and 63 have been updated from July 1, 2004 to February 1, 2008, at Sections 17.16.490 and 17.16.530.

**40 CFR 60 (NSPS) Subparts Added:**

**Subpart VVa - Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced after November 7, 2006** [Added at 72 FR 64883, November 16, 2007].

**Subpart GGGa - Standards of Performance of Equipment Leaks for VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced after November 7, 2006** [Added at 72 FR 64896, November 16, 2007].

**Subpart EEEE - Standards of Performance for New Stationary Sources: 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** [Added at 70 FR 74870, December 16, 2005].

**Subpart FFFF - Standards of Performance for Existing Sources: Other Solid Waste Incineration Units that Commenced Construction on or before December 9, 2004** [Added at 70 FR 74907, December 16, 2005] and [Amended at 71 FR 67806, November 24, 2006].

**Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines** [Added at 71 FR 39712, July 11, 2006].

**Subpart KKKK - Standards of Performance for Stationary Combustion Turbines** [Added at 71 FR 38497, July 6, 2006].

**40 CFR 60 (NSPS) Subparts Amended:**

**Subpart D - Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced after August 17, 1971** [Amended at 72 FR 32717, June 13, 2007].

**Subpart Da - Electric Utility Steam Generating Units for Which Construction is Commenced after September 18, 1978** [Amended at 72 FR 32722, June 13, 2007].

**Subpart Db - Industrial-Commercial-Institutional Steam Generating Units** [Amended at 72 FR 32742, June 13, 2007].

**Subpart Dc - Small Industrial-Commercial-Institutional Steam Generating Units** [Amended at 72 FR 32759, June 13, 2007].

**Subpart E - Incinerators** [Amended at 71 FR 27335, May 10, 2006].

**Subpart Eb - Large Municipal Waste Combustors for Which Construction is Commenced after September 20, 1994 or for Which Modification or Reconstruction is Commenced after June 19, 1996** [Amended at 71 FR 27336, May 10, 2006].

**Subpart J - Petroleum Refineries** [Amended at 71 FR 55127, September 21, 2006].

**Subpart AA - Steel Plants: Electric Arc Furnaces Constructed after November 21, 1974, on or before August 17, 1983** [Amended at 70 FR 8530, February 22, 2005].

**Subpart AAa - Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed after August 17, 1983** [Amended at 70 FR 8532, February 22, 2005].

**Subpart BB - Kraft Pulp Mills** [Amended at 71 FR 55127, September 21, 2006].

**Subpart GG - Stationary Gas Turbines** [Amended at 69 FR 41359, July 8, 2004] and [Amended at 71 FR 9458, February 24, 2006].

**Subpart VV - Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry** [Amended at 72 FR 64879, November 16, 2007].

**Subpart GGG - Equipment Leaks of VOC in Petroleum Refineries** [Amended at 72 FR 64895, November 16, 2007].

**Subpart WWW - Municipal Solid Waste Landfills** [Amended at 71 FR 55127, September 21, 2006].

**Subpart CCCC - Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced after November 30, 1999, or for Which Modification or Reconstruction is Commenced on or after June 1, 2001** [Amended at 70 FR 55580, September 22, 2005].

**40 CFR 61 (NESHAP) Subparts Added:**

No subparts added

**40 CFR 61 (NESHAP) Subparts Amended:**

**Subpart A - General Provisions** [Amended at 72 FR 27442, May 16, 2007].

**Subpart M - National Emission Standards for Asbestos** [Amended at 69 FR 43324, July 20, 2004].

**40 CFR 63 (NESHAP) Subparts Added:**

**Subpart J - National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production** [Added at 67 FR 45891, July 10, 2002].

**Subpart MM - National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, and Stand-Alone Semichemical Pulp Mills** [Added at 66 FR 3193, January 12, 2001].

**Subpart XX - National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations** [Added at 67 FR 46271, July 12, 2002].

**Subpart DDDD - National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products** [Added at 69 FR 46011, July 30, 2004] and [Amended at 71 FR 8342, February 16, 2006] and [Amended at 72 FR 61062, October 29, 2007].

**Subpart WWWW - National Emission Standards for Hospital Ethylene Oxide Sterilizer** [Added at 72 FR 73623, December 28, 2007].

**Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities** [Added at 72 FR 74111, December 28, 2007].

**Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources** [Added at 73 FR 252, January 2, 2008].

**Subpart BBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities** [Added at 73 FR 1933, January 10, 2008].

**Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities** [Added at 73 FR 1945, January 10, 2008].

**Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources** [Added at 72 FR 2943, January 23, 2007].

**Subpart EEEEE - National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources** [Added at 72 FR 2944, January 23, 2007] and [amended at 72 FR 36367, July 3, 2007].

**Subpart FFFFFFF - National Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources** [Added at 72 FR 2952, January 23, 2007] and [Amended at 72 FR 36367, July 3, 2007].

**Subpart GGGGGG - National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources - Zinc, Cadmium, and Beryllium** [Added at 72 FR 2955, January 23, 2007].

**Subpart HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources** [Added at 73 FR 1738, January 9, 2008].

**Subpart LLLLLL - National Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources** [Added at 72 FR 38899, July 16, 2007].

**Subpart MMMMMM - National Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources** [Added at 72 FR 38904, July 16, 2007].

**Subpart NNNNNN - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources: Chromium Compounds** [Added 72 FR 38905, July 16, 2007].

**Subpart OOOOOO - National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources** [Added at 72 FR 38910, July 16, 2007].

**Subpart PPPPPP - National Emission Standards for Hazardous Air Pollutants for Lead Acid Battery Manufacturing Area Sources** [Added at 72 FR 38913, July 16, 2007].

**Subpart QQQQQQ - National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources** [Added at 72 FR 38915, July 16, 2007].

**Subpart RRRRRR - National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources** [Added at 72 FR 73197, December 26, 2007].

**Subpart SSSSSS - National Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources** [Added at 72 FR 73201, December 26, 2007].

**Subpart TTTTTT - National Emission Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals Processing Area Sources** [Added at 72 FR 73207, December 26, 2007].

**40 CFR 63 (NESHAP) Subparts Amended:**

**Subpart A - General Provisions** [Amended at 72 FR 27443, May 16, 2007].

**Subpart B - Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections 112(g) and 112(j)** [Amended at 70 FR 39664, July 11, 2005].

**Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry** [Amended at 71 FR 20455, April 20, 2006] and [Amended at 71 FR 76614, December 21, 2006].

**Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater** [Amended at 71 FR 76614, December 21, 2006].

**Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards** [Amended at 70 FR 19272, April 13, 2005] and [Amended at 71 FR 20458, April 20, 2006].

**Subpart CCC - National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants** [Amended at 71 FR 20458, April 20, 2006].

**Subpart EEE - National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors** [Amended at 70 FR 59540, October 12, 2005] and [Amended at 70 FR 75047, December 19, 2005] and [Amended at 71 FR 20459, April 20, 2006] and [Amended at 71 FR 62393, October 25, 2006].

**Subpart GGG - National Emission Standards for Pharmaceuticals Production** [Amended at 70 FR 25669, May 13, 2005] and [Amended at 71 FR 20459, April 20, 2006].

**Subpart HHH - National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities** [Amended at 71 FR 20459, April 20, 2006].

**Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins** [Amended at 71 FR 20460, April 20, 2006].

**Subpart LLL - National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry** [Amended at 71 FR 76549, December 20, 2006].

**Subpart MMM - National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production** [Amended at 71 FR 20460, April 20, 2006].

**Subpart NNN - National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing** [Amended at 71 FR 20460, April 20, 2006].

**Subpart OOO - National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins** [Amended at 71 FR 20460, April 20, 2006].

**Subpart PPP - National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production** [Amended at 71 FR 20461, April 20, 2006].

**Subpart QQQ - National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting** [Amended at 70 FR 40673, July 14, 2005] and [Amended at 71 FR 20461, April 20, 2006].

**Subpart RRR - National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production** [Amended at 69 FR 53984, September 3, 2004] and [Amended at 70 FR 57517, October 3, 2005] and [Amended at 71 FR 20461, April 20, 2006].

**Subpart TTT - National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting** [Amended at 71 FR 20462, April 20, 2006].

**Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units.** [Amended at 70 FR 6938, February 9, 2005] and [Amended at 71 FR 20462, April 20, 2006].

**Subpart XXX - National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese** [Amended at 71 FR 20462, April 20, 2006].

**Subpart AAAA - National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills** [Amended at 71 FR 20462, April 20, 2006].

**Subpart CCCC - National Emission Standards for Hazardous Air Pollutants: Manufacturing of Nutritional Yeast** [Amended at 71 FR 20462, April 20, 2006].

**Subpart DDDD - National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products** [Amended at 69 FR 46011, July 3, 2004] and [Amended at 71 FR 8371, February 16, 2006] and [Amended at 71 FR 20463, April 20, 2006] and [Amended at 72 FR 61063, October 29, 2007].

**Subpart EEEE - National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)** [Amended at 71 FR 42904, July 28, 2006].

**Subpart FFFF - National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing** [Amended at 70 FR 38559, July 1, 2005] and [Amended at 71 FR 10442, March 1, 2006] and [Amended at 71 FR 40332, July 14, 2006].

**Subpart GGGG - National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production** [Amended at 69 FR 53341, September 1, 2004] and [Amended at 71 FR 20463, April 20, 2006].

**Subpart HHHH - National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production** [Amended at 71 FR 20464, April 20, 2006].

**Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks** [Amended at 71 FR 76926, December 22, 2006] and [Amended at 72 FR 20233, April 24, 2007].

**Subpart JJJJ - National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating** [Amended at 71 FR 29805, May 24, 2006].

**Subpart KKKK - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans** [Amended at 71 FR 1383, January 6, 2006] and [Amended at 71 FR 20464, April 20, 2006].

**Subpart MMMM - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products** [Amended at 71 FR 76927, December 22, 2006].

**Subpart NNNN - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances** [Amended at 71 FR 20465, April 20, 2006].

**Subpart OOOO - National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles** [Amended at 69 FR 47005, August 4, 2004] and [Amended at 71 FR 20465, April 20, 2006] and [Amended at 71 FR 29805, May 24, 2006].

**Subpart PPPP - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products** [Amended at 71 FR 76927, December 22, 2006] and [Amended at 72 FR 20237, April 24, 2007].

**Subpart QQQQ - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products** [Amended at 71 FR 20465, April 20, 2006].

**Subpart RRRR - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture** [Amended at 71 FR 20466, April 20, 2006].

**Subpart TTTT - National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations** [Amended at 70 FR 6360, February 7, 2005].

**Subpart UUUU - National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing** [Amended at 70 FR 46692, August 10, 2005] and [Amended at 71 FR 20466, April 20, 2006].

**Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Reinforced Plastics Composites Production** [Amended at 70 FR 50124, August 25, 2005] and [Amended at 71 FR 20466, April 20, 2006].

**Subpart XXXX - National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing** [Amended at 71 FR 20466, April 20, 2006].

**Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines** [Amended at 69 FR 51188, August 18, 2004] and [Amended at 71 FR 20467, April 20, 2006].

**Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines** [Amended at 71 FR 20467, April 20, 2006].

**Subpart AAAAA - National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants** [Amended at 71 FR 20467, April 20, 2006].

**Subpart BBBBB - National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing** [Amended at 71 FR 20467, April 20, 2006].

**Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching and Battery Stacks** [Amended at 69 FR 60818, October 13, 2004] and [Amended at 70 FR 44289, August 2, 2005] and [Amended at 71 FR 20467, April 20, 2006].

**Subpart EEEEE - National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries** [Amended at 70 FR 29404, May 20, 2005] and [Amended at 71 FR 20468, April 20, 2006].

**Subpart FFFFF - National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities** [Amended at 71 FR 20468, April 20, 2006] and [Amended at 71 FR 39585, July 13, 2006].

**Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation** [Amended at 71 FR 20468, April 20, 2006] and [Amended at 71 FR 69016, November 29, 2006].

**Subpart HHHHH - National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing** [Amended at 70 FR 25681, May 13, 2005] and [Amended at 70 FR 75927, December 21, 2005] and [Amended at 71 FR 20468, April 20, 2006] and [Amended at 71 FR 58503, October 4, 2006] and [Amended at 71 FR 69021, November 29, 2006].

**Subpart IIIII - National Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell Chlor-Alkali Plants** [Amended at 71 FR 20469, April 20, 2006].

**Subpart JJJJJ - National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing** [Amended at 71 FR 20469, April 20, 2006].

**Subpart KKKKK - National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing** [Amended at 71 FR 20469, April 20, 2006].

**Subpart LLLLL - National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing** [Amended at 70 FR 28364, May 17, 2005] and [Amended at 71 FR 20469, April 20, 2006].

**Subpart MMMMM - National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations** [Amended at 71 FR 20470, April 20, 2006].

**40 CFR 63 Subpart NNNNN - National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production** [Amended at 71 FR 17745, April 7, 2006] and [Amended at 71 FR 20470, April 20, 2006].

**40 CFR 63 Subpart PPPPP - National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Standards** [Amended at 71 FR 20470, April 20, 2006].

**40 CFR 63 Subpart QQQQQ - National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities** [Amended at 71 FR 20470, April 20, 2006].

**40 CFR 63 Subpart RRRRR - National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing** [Amended at 71 FR 20470, April 20, 2006].

**40 CFR 63 Subpart SSSSS - National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing** [Amended at 71 FR 20471, April 20, 2006].

**40 CFR 63 Subpart TTTTT - National Emissions Standards for Hazardous Air Pollutants for Primary Magnesium Refining** [Amended at 71 FR 20471, April 20, 2006].

**VOC Definition:** PDEQ is updating its definition of "Volatile Organic Compounds (VOC)" to reflect the changes in the federal definition at 40 CFR 51.100, amended at 69 FR 69298-69304, November 29, 2004 and 72 FR 2196, January 18, 2007. These revisions are reflected in the PDEQ definition of VOC at Section 17.04.340.

**Miscellaneous Incorporations by Reference:** The provisions in Sections 17.04.070 and 17.12.045 have been updated from July 1, 2004 to February 1, 2008. These provisions are cited throughout Title 17, but are incorporated by reference once for convenience.

**7. A reference to any study relevant to the rule that the agency reviewed and either proposes to rely on in its evaluation of or justification for the rule or proposes not to rely on in its evaluation of or justification for the rule, where the public may obtain or review each study, all data underlying each study, and any analysis of each study and other supporting material:**

None

**8. A showing of good cause why the rules are necessary to promote a statewide interest if the rules will diminish a previous grant of authority of a political subdivision of this state:**

Not applicable

**9. The summary of the economic, small business, and consumer impact:**

Pima County is updating its incorporations by reference of the following federal regulations: Acid Rain, New Emission Standards for Hazardous Air Pollutants (NESHAP), New Source Performance Standards (NSPS), revising the definition of Volatile Organic Compounds in Section 17.04.340 and repealing Section 17.16.330. These revisions should not have an economic impact on businesses in Pima County, and should not impose additional costs on the regulated community, small businesses, political subdivisions, and members of the public beyond that already incurred by reason of federal or state rule or law. The costs of compliance for the Acid rain, NESHAP, NSPS, Volatile Organic Compounds definition and the repeal of Section 17.16.330 have already occurred, and were considered when the federal and state rule or law was proposed and adopted.

**10. A description of the changes between the expedited rule, including supplemental notices, and final rules (if applicable):**

40 CFR 63 Subpart DDDDD - National Emission Standards for Industrial, Commercial, and Institutional Boilers and Process Heaters has been removed because it was vacated by the Court of Appeals on July 30, 2007.

In addition, minor, non-substantive grammatical and typographical changes were made to the rule to improve clarity, conciseness, and understandability.

**11. A summary of the comments made regarding the rule and the agency response to them:**

**Comment: Zig Fang, Tucson Electric Power:**

Pages 901,904,906, and 919: 40 CFR 63 (NESHAP) Subpart DDDDD - National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters.

This NESHAP standard was vacated by the Court of Appeals for the District of Columbia Circuit and the Court's mandate was issued on July 30, 2007 to effect such vacating. As a result, all references to Subpart DDDDD in Pima County Code shall be repealed and removed.

Page 911: 17.12.365(A) Acid Rain, 40 CFR Part 72, 74, 75, and 76, and all accompanying appendices, adopted as of February 1, 2008, and no future editions or amendments are incorporated by reference as applicable requirements.

The draft rule language intends to make the Acid Rain provisions (40 CFR Part 72, 74, 75, and 76 and all accompanying appendices) to be applicable requirements. The federal applicable requirement, however, by definition (PCC 17.04.340.A.83) excludes the Title IV (acid rain) provisions from being applicable. Acid Rain program is a federal program and the sources subject to this program should not be regulated by PDEQ. Please remove the phrase "as applicable requirements".

**Response (via letter):** PDEQ agrees that 40 CFR 63 Subpart DDDDD should be removed from the rule since it was vacated by the Court of Appeals on July 30, 2007. However, PDEQ believes your request to remove the phrase "as applicable requirements" in Section 17.12.365 is not feasible. The definition of applicable requirement is clear in Section 17.04.340(A)(26) and states:

"applicable requirement" means any of the following:

- a. any federal applicable requirement.
- b. Any other requirement established pursuant to this title or A.R.S. Title 49, Chapter 3.

Furthermore, Section 17.04.340(A)(85) states:

"Federal applicable requirement" means any of the following as they apply to emission units covered by a Class I or Class II permit (including requirements that have been promulgated or approved by EPA through rule making at the time of issuance but have future-effective compliance dates):

- e. Any Standard or other requirement of the acid rain program under Title IV of the Act (Acid Deposition Control) or the regulations promulgated thereunder and incorporated pursuant to Section 17.12.365;

This definition does not exclude the Title IV (acid rain) provisions from being applicable. In addition, these provisions directly correspond to Arizona Administrative Code R18-2-101(14), R18-2-101(42)(e), and R18-2-333. Therefore, PDEQ believes the phrase to be reasonable and will retain it in the rulemaking.

**12. Any other matters prescribed by statute that are applicable to the specific agency or to any specific rule or class of rules:**

None

**13. Incorporations by reference and their location in the rules:**

<b><u>New incorporations by reference as of February 1, 2008:</u></b>	<b><u>Location</u></b>
40 CFR 60, Subparts VVa, GGGa, EEEE, FFFF, IIII, and KKKK	17.16.490
40 CFR 63, Subparts J, MM, XX, DDDD, WWWWW, YYYYY, ZZZZ, BBBB, CCCCC, DDDDD, EEEEE, FFFFF, GGGGG, HHHHH, LLLLL, MMMMM, NNNNN, OOOOO, PPPPP, QQQQQ, RRRRR, SSSSS, and TTTTT	17.16.530
40 CFR 75, Subpart I	17.12.365

**Incorporations by Reference updated to February 1, 2008**

**Location**

40 CFR 50	17.12.045
40 CFR 50, all appendices	17.12.045
40 CFR 51, Appendix M, Section IV of Appendix S, & Appendix W	17.12.045
40 CFR 52.21	17.08.150
40 CFR 52, Appendices D and E	17.12.045
40 CFR 53	17.12.045
40 CFR 58	17.12.045
40 CFR 58, all appendices	17.12.045
40 CFR 60, listed subparts and accompanying appendices	17.16.490
40 CFR 60, all appendices	17.12.045
40 CFR 61, listed subparts and accompanying appendices	17.16.530
40 CFR 61, all appendices	17.12.045
40 CFR 63, listed subparts and accompanying appendices	17.16.530
40 CFR 63, all appendices	17.12.045
40 CFR 64	17.12.180
40 CFR 72, 74, 75, 76	17.12.365
40 CFR 75, all appendices	17.12.045
40 CFR 81.303	17.08.110 & 17.08.130

**14. Were these rules previously made as emergency rules?**

No

**15. The full text of the rule follows:**

**TITLE 17 -AIR QUALITY CONTROL**

**CHAPTER 17.04 GENERAL PROVISIONS**

**ARTICLE III. INCORPORATED MATERIALS**

Section  
17.04.070 Incorporated materials.

**ARTICLE IX. DEFINITIONS AND MEANINGS**

Section  
17.04.340 Words, phrases, and terms.

**CHAPTER 17.12 PERMITS AND PERMIT REVISIONS**

**ARTICLE I. GENERAL PROVISIONS**

Section  
17.12.045 Test methods and procedures.  
17.12.050 Performance tests.

**ARTICLE II. INDIVIDUAL SOURCE PERMITS**

Section  
17.12.180 Permit contents for Class I permits.  
17.12.320 Annual emissions inventory questionnaire.  
17.12.365 Acid rain.

CHAPTER 17.16 EMISSION LIMITING STANDARDS

ARTICLE IV. NEW AND EXISTING STATIONARY SOURCE PERFORMANCE STANDARDS

Section  
17.16.330 Standards of performance for kraft pulp mills Reserved.

ARTICLE VI. NEW SOURCE PERFORMANCE STANDARDS

Section  
17.16.490 Standards of performance for new stationary sources (NSPS).

ARTICLE VII. NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS

Section  
17.16.530 National emission standards for hazardous air pollutants (NESHAP).

ARTICLE VIII. NEW MAJOR SOURCES AND MAJOR MODIFICATIONS TO EXISTING MAJOR SOURCES

Section  
17.16.600 Air quality impact analysis and monitoring requirements.

Chapter 17.04 General Provisions

Article III. Incorporated Materials

17.04.070 Incorporated materials.

The following documents are incorporated herein by reference and are on file with the control officer:

- A. The Arizona Department of Environmental Quality's "Arizona Testing Manual for Air Pollutant Emissions," amended as of March 1992 (and no future editions).
- B. The ASTM Test Methods referenced in this title as of the year specified in the reference (and no future amendments). They are available from the American Society for Testing and Materials, 1916 Race St., Philadelphia, PA 19103-1187.
- C. All parts of the CFR referenced in this ~~title~~ Title are amended as of ~~July 1, 2004~~ February 1, 2008, as applicable requirements and no future editions or amendments unless specifically indicated otherwise.
- D. The U.S. Government Printing Office's "Standard Industrial Classification Manual, ~~1987.~~" 1987" and no future editions.

Article IX. Definitions and Meanings

17.04.340 Words, phrases, and terms.

Words, phrases, and terms used in this title shall have the following meanings except where any narrative portion specifically indicates otherwise:

A. Definitions.

- .....
250. "Volatile organic compounds (VOC)" means any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions. This includes any such organic compound other than the following, which have been determined to have negligible photochemical reactivity:
- a. Methane;
  - b. Ethane;
  - c. Methylene chloride (dichloromethane);
  - d. 1,1,1-trichloroethane (methyl chloroform);
  - e. ~~1,1,2-trichloro-1,1,2-trifluoroethane (CFC-113)~~ 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113);
  - f. Trichlorofluoromethane (CFC-11);
  - g. Dichlorodifluoromethane (CFC-12);
  - h. Chlorodifluoromethane (HCFC-22);
  - i. Trifluoromethane (HFC-23);
  - j. 1,2-dichloro 1,1,2,2-tetrafluoroethane (CFC-114);
  - k. Chloropentafluoroethane (CFC-115);
  - l. 1,1,1-trifluoro 2,2-dichloroethane (HCFC-123);
  - m. 1,1,1,2-tetrafluoroethane (HFC-134a);
  - n. 1,1-dichloro 1-fluoroethane (HCFC-141b);
  - o. 1-chloro 1,1-difluoroethane (HCFC-142b);
  - p. 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124);
  - q. Pentafluoroethane (HFC-125);
  - r. 1,1,2,2-tetrafluoroethane (HFC-134);

- s. 1,1,1-trifluoroethane (HFC-143a);
- t. 1,1-difluoroethane (HFC-152a); ~~and~~
- u. Parachlorobenzotrifluoride (PCBTF);
- v. Cyclic, branched, or linear completely methylated siloxanes;
- w. Acetone;
- x. Perchloroethylene (tetrachloroethylene);
- y. 3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca);
- z. 1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb);
- aa. 1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC 43-10mee);
- bb. Difluoromethane (HFC-32);
- cc. Ethylfluoride (HFC-161);
- dd. 1,1,1,3,3,3-hexafluoropropane (HFC-236fa);
- ee. 1,1,2,2,3-pentafluoropropane (HFC-245ca);
- ff. 1,1,2,3,3-pentafluoropropane (HFC-245ea);
- gg. 1,1,1,2,3-pentafluoropropane (HFC-245eb);
- hh. 1,1,1,3,3-pentafluoropropane (HFC-245fa);
- ii. 1,1,1,2,3,3-hexafluoropropane (HFC-236ea);
- jj. 1,1,1,3,3-pentafluorobutane (HFC-365mfc);
- kk. Chlorofluoromethane (HCFC-31);
- ll. 1 chloro-1-fluoroethane (HCFC-151a);
- mm. 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a);
- nn. 1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-butane (C4F9OCH3 or HFE-7100);
- oo. 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF3)2CFCF2OCH3);
- pp. 1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (C4F9OC2H5 or HFE-7200);
- qq. 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF3)2CFCF2OC2H5) ;
- rr. Methyl acetate; ~~and~~
- ss. 1,1,1,2,2,3,3-heptafluoro-3-methoxy-propane (n-C3F7OCH3, HFE - 7000);
- tt. ~~T Butyl Acetate (TBAc)~~ 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500);
- uu. 1,1,1,2,3,3,3-hentafluoropropane (HFC 227ea);
- vv. Methyl formate (HCOOCH3);
- ww. (1) 1,1,1,2,2,3,4,5,5,5-decafluoro-3-methoxy-4-trifluoromethyl-pentane (HFE-7300); and
- ss-xx. Perfluorocarbon compounds that fall into these classes:
  - i. Cyclic, branched, or linear, completely fluorinated alkanes;
  - ii. Cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;
  - iii. Cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; ~~or~~ and
  - iv. Sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.
- yy. The following compound(s) are VOC for purposes of all recordkeeping, emissions reporting, photochemical dispersion modeling and inventory requirements which apply to VOC and shall be uniquely identified in emission reports, but are not VOC for purposes of VOC emissions limitations or VOC content requirements: t-butyl acetate.

**Chapter 17.12 Permits and Permit Revisions**

**Article I. General Provisions**

**17.12.045 Test methods and procedures.**

- A. The following test methods and protocols are approved for use as directed by ~~PDEQ~~ the Department under this Chapter. These standards ~~are incorporated by reference as of July 1, 2004, (and no future editions or amendments)~~ adopted as of February 1, 2008, and no future editions or amendments, are incorporated by reference as applicable requirements. These standards are on file with ~~PDEQ~~ the Department and are also available from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop SSOP, Washington D.C. 20402-9328.
  - 1. 40 CFR 50;
  - 2. 40 CFR 50, Appendices A through ~~K N~~;
  - 3. 40 CFR ~~Part~~ 51, Appendix M, ~~Appendix S~~, Section IV of Appendix S, and Appendix W;
  - 4. 40 CFR 52, Appendices D and E;
  - 5. 40 CFR 53;

- 5-6. 40 CFR 58;
- 6-7. 40 CFR 58, all appendices;
- 7-8. 40 CFR 60, all appendices;
- 8-9. 40 CFR 61, all appendices;
- 9-10. 40 CFR 63, all appendices;
- 10-11. 40 CFR 75, all appendices.

....

**17.12.050 Performance tests.**

....

B. Performance tests shall be conducted and data reduced in accordance with the test method and procedures contained in the Arizona Testing Manual, 40 CFR 52; Appendices D and E, 40 CFR 60; Appendices A through F; and 40 CFR 61, Appendices B and C. ~~(These standards are incorporated by reference as of July 1, 2004 and no future editions or amendments. These standards are on file with PDEQ and are also available from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop SSOP, Washington D.C. 20402-9328). Unless unless~~ the control officer:

....

G. Except as provided in ~~Subsection H~~ subsection (H), compliance with the emission limits established in this ~~title Title~~ or as prescribed in permits issued pursuant to this ~~title Title~~ shall be determined by the performance tests specified in this ~~section Section~~ or in the permit.

H. In addition to performance tests specified in this ~~section Section~~, compliance with specific emission limits may be determined by:

....

I. Nothing in this ~~section Section~~ shall be so construed as to prevent the utilization of measurements from emissions monitoring devices or techniques not designated as performance tests as evidence of compliance with applicable good maintenance and operating requirements.

**Article II. Individual Source Permits**

**17.12.180 Permit contents for Class I permits.**

A. Each permit issued shall include the following elements:

....

3. Each permit shall contain the following requirements with respect to monitoring:

....

- b. 40 CFR 64 ~~as codified July 1, 2004, adopted February 1, 2008, and no future editions or amendments,~~ is incorporated by reference as applicable requirements and on file with the ~~control officer Department~~ and shall be applied by the Department. ~~This incorporation by reference contains no future editions or amendments.~~ If more than one monitoring or testing requirement applies, the permit may specify a streamlined set of monitoring or testing provisions if the specified monitoring or testing is adequate to assure compliance at least to the same extent as the monitoring or testing applicable requirements not included in the permit as a result of such streamlining;

....

**17.12.320 Annual emissions inventory questionnaire.**

A. Every source with a Class I permit shall complete and submit to the ~~Control Officer~~ control officer an annual emissions inventory questionnaire. The questionnaire is due by March 31st, or 90 days after the ~~Control Officer~~ control officer makes the inventory form available, whichever occurs later, and shall include emission information for the previous calendar year. These requirements apply whether or not a permit has been issued and whether or not a permit application has been filed. Sources with a Class II or Class III permit shall complete an annual emission inventory questionnaire when requested by the ~~Control Officer~~ control officer. The questionnaire is due 90 days after the ~~Control Officer~~ control officer makes a written request and shall include emission information for the previous calendar year.

B. The questionnaire shall be on a form provided by or approved by the control officer and shall include the following information:

....

3. The actual quantity of emissions from permitted emission points and fugitive emissions as provided in the permit, including documentation of the method of measurement, calculation or estimation determined pursuant to subsection C of this ~~section~~ Section of the following regulated air pollutants:

....

- C. Actual quantities of emissions shall be determined using the following emission facts or data:
  1. Whenever available, emissions estimates shall either be calculated from continuous emissions monitors certified pursuant to 40 CFR ~~Part~~ 75, Subpart C and referenced as appendices, ~~as published in the Federal Register on January 11, 1993 (and no later editions), which is incorporated herein by reference, and is on file with the Department and the Office of Secretary of State,~~ or data quality assured pursuant to Appendix F of 40 CFR ~~Part~~ 60.
  2. When sufficient data pursuant to ~~subdivision 1 of this subsection~~ (C)(1) is not available, emissions estimates shall be calculated from data from source performance tests conducted pursuant to Section 17.12.050 in the calendar year being reported or, when not available, conducted in the most recent calendar year representing the operating conditions of the year being reported.
  3. When sufficient data pursuant to ~~subdivisions 1 and 2 of this subsection~~ (C)(1) or (C)(2) is not available, emissions estimates shall be calculated using emissions factors from EPA Publication No. AP-42 "Compilation of Air Pollutant Emission Factors", Volume I: Stationary Point and Area Sources, ~~Fourth Edition, supplements A through F, 1985 Fifth Edition, 1995, U.S. Environmental Protection Agency, Research Triangle Park, NC (GPO Order No. 055-000-00251-7), (and no future editions) which is incorporated herein by reference and is on file with the Department and the Office of Secretary of State.~~ AP-42 can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, telephone (202) 783-3238.
  4. When sufficient data pursuant to ~~subdivisions 1 through 3 of this subsection~~ subsections (C)(1) through (C)(3) is not available, emissions estimates shall be calculated from material balance using engineering knowledge of process.
  5. When sufficient data pursuant to ~~subdivisions 1 through 4 of this subsection~~ subsections (C)(1) through (C)(4) is not available, emissions estimates shall be calculated by equivalent methods approved by the control officer. The control officer shall only approve methods that are demonstrated as accurate and reliable as the applicable method in ~~subdivisions 1 through 4 of this subsection~~ subsections (C)(1) through (C)(4).
- D. Actual quantities of emissions calculated under subsection ~~C~~ (C) of this ~~section~~ Section shall be determined on the basis of actual operating hours, production rates, in-place process control equipment, operational process control data, and types of materials processed, stored or combusted.
- E. An amendment to an annual emission inventory questionnaire, containing the documentation required by ~~subdivision B3~~ subsection (B)(3) of this ~~section~~ Section, shall be submitted to the control officer by any source whenever it discovers or receives notice, within two years of the original submittal, that incorrect or insufficient information was submitted to the control officer by a previous questionnaire. If the incorrect or insufficient information resulted in an incorrect annual emissions fee, the control officer shall require that additional payment be made or shall apply an amount as a credit to a future annual emissions fee. The submittal of an amendment under this subsection shall not subject the owner or operator to an enforcement action or a civil or criminal penalty if the original submittal of incorrect or insufficient information was due to reasonable cause and not willful neglect.
- F. The ~~Control Officer~~ control officer may require submittal of supplemental emissions inventory questionnaires for air contaminants pursuant to A.R.S. § 49-476.01.

**17.12.365 Acid rain.**

- A. 40 CFR ~~Part~~ 72, 74, 75, and 76, and all accompanying appendices, adopted as of ~~July 1, 2004, (and no future amendments)~~ February 1, 2008, and no future editions or amendments are incorporated by reference as applicable requirements. These standards are on file with the ~~Office of the Secretary of State and with the department~~ Department and shall be applied by the ~~department~~ Department. These standards can be obtained from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop SSOP, Washington D.C. 20402-9328.
- B. When used in 40 CFR ~~Part~~ 72, 74, 75, and 76 "Permitting Authority" means the Pima County ~~department of environmental quality~~ Department of Environmental Quality and "Administrator" means the ~~administrator~~ Administrator of the United States Environmental Protection Agency.
- C. If the provisions or requirements of the regulations incorporated in this ~~section~~ Section conflict with any of the remaining portions of this ~~title~~ Title, the regulations incorporated ~~pursuant to this section~~ in this Section shall apply and take precedence.

## Chapter 17.16 Emission Limiting Standards

## Article IV. New and Existing Stationary Source Performance Standards

17.16.330 Standards of Performance for kraft pulp mills Reserved.

- A. The provisions of this section are applicable to the following affected facilities in kraft pulp mills: digester system, brown stock washer system, multiple effect evaporator system, black liquor oxidation system, recovery furnace, smelt dissolving tank, lime kiln, and condensate stripper system. In pulp mills in which kraft pulping is combined with neutral sulfite semi chemical pulping, the provisions of this section are applicable when any portion of the material charged to an affected facility is produced by the kraft pulping operation.
- B. No person shall cause, allow or permit the discharge of particulate matter into the atmosphere in any one hour from any kraft pulp mill process source in total quantities in excess of the amounts calculated by one of the following equations:
1. For process sources having a process weight rate of 60,000 pounds per hour (30 tons per hour) or less, the maximum allowable emissions shall be determined by the following equation:  

$$E = 3.59P^{0.62}$$
 where:  
 E = the maximum, allowable particulate emission rate in pounds mass per hour.  
 P = the process weight rate in tons mass per hour.
  2. For process sources having a process weight rate greater than 60,000 pounds per hour (30 tons per hour), the maximum allowable emissions shall be determined by the following equation:  

$$E = 17.31P^{0.16}$$
 where "E" and "P" are defined as indicated in subdivision 1 of this subsection.
- C. The actual values shall be calculated from the applicable equations and rounded off to two decimal places.
- D. For purposes of this section, the total process weight from all similar units employing a similar type process shall be used in determining the maximum allowable emission of particulate matter.
- E. No person shall cause, allow or permit the discharge of sulfur measured as hydrogen sulfide (H<sub>2</sub>S) in excess of the following amounts:
1. From any recovery furnace, any gases which contain H<sub>2</sub>S in excess of 20 ppm by volume corrected to eight percent oxygen.
  2. From any lime kiln, any gases which contain H<sub>2</sub>S in excess of 40 ppm by volume corrected to 10 percent oxygen.
- F. Any owner or operator subject to the provisions of this section shall install, calibrate, maintain, and operate the following continuous monitoring systems:
1. A continuous monitoring system to monitor and record the opacity of the gases discharged into the atmosphere from any recovery furnace. The span of this system shall be set at 70 percent opacity.
  2. A continuous monitoring system, to monitor and record the concentration of H<sub>2</sub>S emissions discharged into the atmosphere from any recovery furnace or lime kiln. The span shall be set at H<sub>2</sub>S concentration of 50 ppm.
  3. A continuous monitoring system to monitor and record the percent of oxygen by volume in the gases discharged from any recovery furnace or lime kiln. The continuous monitoring system shall be located downstream of the control device for the recovery furnace or lime kiln, and all measurements shall be made on a dry basis. The span of this system shall be set at 20 percent oxygen.
  4. For any lime kiln or smelter dissolving tank using a scrubber emission control device:
    - a. A monitoring device for the continuous measurement of the pressure loss of the gas stream through the control equipment. The monitoring device shall be certified to the manufacturer to be accurate within a gage pressure of ± 500 pascals (ca. ± 2 inches of water gage pressure).
    - b. A monitoring device for the continuous measurement of the scrubbing liquid supply pressure to the control equipment. The monitoring device shall be certified by the manufacturer to be accurate within ± 15 percent of design scrubbing liquid supply pressure. The pressure sensor or tap shall be located close to the scrubber liquid discharge point, although the control officer may be consulted for approval of alternative locations.
- G. The test methods and procedures required by this section are as follows:
1. The reference methods in the Arizona Testing Manual and 40 CFR 60, Appendix A, except as provided under Section 17.12.050 shall be used to determine compliance with this section as follows:
    - a. Method 4 and 5 for the concentration of particulate matter and the associated moisture content;
    - b. Method 1 for sample and velocity traverses;
    - c. Method 3 for gas analysis;
    - d. Method 9 for visible emissions;

- e. Method 11 for total reduced sulfur as hydrogen sulfide.
2. For Method 5, the sampling time for each run shall be at least 60 minutes and the sampling rate shall be at least 0.85 dscm/hr (0.53 dscf/min), except that shorter sampling times, when necessitated by process variables or other factors, may be approved by the control officer. Water shall be used as the cleanup solvent instead of acetone in the sample recovery procedure outlined in Method 5. For determination of compliance with this section, particulate measurements shall at least be made on the recovery furnace, smelt dissolving tank, and lime kiln. All concentrations of particulate matter from the lime kiln and recovery furnace shall be corrected to ten volume percent oxygen and eight volume percent oxygen, respectively, when the oxygen concentrations exceed these values.

#### Article VI. New Source Performance Standards

##### 17.16.490 Standards of performance for new stationary sources (NSPS).

- A. Except as provided in subsections B, C and D of this ~~section~~ Section, and Sections 17.16.500 through 17.16.520, the following subparts of 40 CFR ~~Part~~ 60, New Source Performance Standards (NSPS), and all accompanying appendices, ~~the federal standards of performance for new stationary sources, adopted as of July 1, 2004~~ February 1, 2008, and no future editions or amendments, are incorporated ~~herein~~ by reference as applicable requirements. These standards are on file with ~~the Office of the Secretary of State and with the Department~~ and shall be applied by the Department. These standards can be obtained from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop SSOP, Washington D.C. 20402-9328.
1. Subpart A - General Provisions. (~~Section 60.1 – Section 60.19~~)
  2. ~~Subpart B – Excluded~~
  3. ~~Subpart C – Excluded~~
  4. ~~Subpart Ca – Reserved~~
  5. ~~Subpart Cb – Excluded~~
  6. ~~Subpart Ce – Excluded~~
  7. ~~Subpart Cd – Excluded~~
  8. ~~Subpart Ce – Excluded~~
  - 9-2. Subpart D - Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced after August 17, 1971. (~~Section 60.40 – 60.46~~)
  - 10-3. Subpart Da - Electric Utility Steam Generating Units for Which Construction is Commenced after September 18, 1978. (~~Section 60.40a – 60.49a~~)
  - 11-4. Subpart Db - Industrial-Commercial-Institutional Steam Generating Units. (~~Section 60.40b – 60.49b~~)
  - 12-5. Subpart Dc - Small Industrial-Commercial-Institutional Steam Generating Units. (~~Section 60.40c – 60.48e~~)
  - 13-6. Subpart E - Incinerators. (~~Section 60.50 – 60.54~~)
  - 14-7. Subpart Ea - Municipal Waste Combustors for Which Construction is Commenced after December 20, 1989, and on or before September 20, 1994. (~~Section 60.50a – 60.59a~~)
  - 15-8. Subpart Eb - Large Municipal Waste Combustors for Which Construction is Commenced after September 20, 1994 or for Which Modification or Reconstruction is Commenced after June 19, 1996. (~~Section 60.50b – 60.59b~~)
  - 16-9. Subpart Ec - Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced after June 20, 1996. (~~Section 60.50e – 60.58e & Tables~~)
  - 17-10. Subpart F - Portland Cement Plants. (~~Section 60.60 – 60.66~~)
  - 18-11. Subpart G - Nitric Acid Plants. (~~Section 60.70 – 60.74~~)
  - 19-12. Subpart H - Sulfuric Acid Plants. (~~Section 60.80 – 60.85~~)
  - 20-13. Subpart I - Hot Mix Asphalt Facilities. (~~Section 60.90 – 60.93~~)
  - 21-14. Subpart J - Petroleum Refineries. (~~Section 60.100 – 60.109~~)
  - 22-15. Subpart K - Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and Prior to May 19, 1978. (~~Section 60.110 – 60.113~~)
  - 23-16. Subpart Ka - Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and Prior to July 23, 1984. (~~Section 60.110a – 60.115a~~)
  - 24-17. Subpart Kb - Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. (~~Section 60.110b – 60.117b~~)
  - 25-18. Subpart L - Secondary Lead Smelters. (~~Section 60.120 – 60.123~~)
  - 26-19. Subpart M - Secondary Brass and Bronze ~~Ingot~~ Production Plants. (~~Section 60.130 – 60.133~~)

- ~~27-20.~~ Subpart N - Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced after June 11, 1973. (~~Section 60.140—60.144~~)
- ~~28-21.~~ Subpart Na - Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced after January 20, 1983. (~~Section 60.140a—60.145a~~)
- ~~29-22.~~ Subpart O - Sewage Treatment Plants. (~~Section 60.150—60.156~~)
- ~~30-23.~~ Subpart P - Primary Copper Smelters. (~~Section 60.160—60.166~~)
- ~~31-24.~~ Subpart Q - Primary Zinc Smelters. (~~Section 60.170—60.176~~)
- ~~32-25.~~ Subpart R - Primary Lead Smelters. (~~Section 60.180—60.186~~)
- ~~33-26.~~ Subpart S - Primary Aluminum Reduction Plants. (~~Section 60.190—60.195~~)
- ~~34-27.~~ Subpart T - Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants. (~~Section 60.200—60.204~~)
- ~~35-28.~~ Subpart U - Phosphate Fertilizer Industry: Superphosphoric Acid Plants. (~~Section 60.210—60.214~~)
- ~~36-29.~~ Subpart V - Phosphate Fertilizer Industry: Diammonium Phosphate Plants. (~~Section 60.220—60.224~~)
- ~~37-30.~~ Subpart W - Phosphate Fertilizer Industry: Triple Superphosphate Plants. (~~Section 60.230—60.234~~)
- ~~38-31.~~ Subpart X - Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities. (~~Section 60.240—60.244~~)
- ~~39-32.~~ Subpart Y - Coal Preparation Plants. (~~Section 60.250—60.254~~)
- ~~40-33.~~ Subpart Z - Ferroalloy Production Facilities. (~~Section 60.260—60.266~~)
- ~~41-34.~~ Subpart AA - Steel Plants: Electric Arc Furnaces Constructed after November 21, 1974, and on or before August 17, 1983. (~~Section 60.270—60.276~~)
- ~~42-35.~~ Subpart AAa - Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed after August 7, 1983. (~~Section 60.270a—60.276a~~)
- ~~43-36.~~ Subpart BB - Kraft Pulp Mills. (~~Section 60.280—60.285~~)
- ~~44-37.~~ Subpart CC - Glass Manufacturing Plants. (~~Section 60.290—60.296~~)
- ~~45-38.~~ Subpart DD - Grain Elevators. (~~Section 60.300—60.304~~)
- ~~46-39.~~ Subpart EE - Surface Coating of Metal Furniture. (~~Section 60.310—60.316~~)
- ~~47. Subpart FF—Reserved~~
- ~~48-40.~~ Subpart GG - Stationary Gas Turbines. (~~Section 60.330—60.335~~)
- ~~49-41.~~ Subpart HH - Lime Manufacturing Plants. (~~Section 60.340—60.344~~)
- ~~50-42.~~ Subpart KK - Lead-Acid Battery Manufacturing Plants. (~~Section 60.370—60.374~~)
- ~~51-43.~~ Subpart LL - Metallic Mineral Processing Plants. (~~Section 60.380—60.388~~)
- ~~52-44.~~ Subpart MM - Automobile and Light Duty Truck Surface Coating Operations. (~~Section 60.390—60.398~~)
- ~~53-45.~~ Subpart NN - Phosphate Rock Plants. (~~Section 60.400—60.404~~)
- ~~54-46.~~ Subpart PP - Ammonium Sulfate Manufacture. (~~Section 60.420—60.424~~)
- ~~55-47.~~ Subpart QQ - Graphic Arts Industry: Publication Rotogravure Printing. (~~Section 60.430—60.435~~)
- ~~56-48.~~ Subpart RR - Pressure Sensitive Tape and Label Surface Coating Operations. (~~Section 60.440—60.447~~)
- ~~57-49.~~ Subpart SS - Industrial Surface Coating: Large Appliances. (~~Section 60.450—60.456~~)
- ~~58-50.~~ Subpart TT - Metal Coil Surface Coating. (~~Section 60.460—60.466~~)
- ~~59-51.~~ Subpart UU - Asphalt Processing and Asphalt Roofing Manufacture. (~~Section 60.470—60.474~~)
- ~~60-52.~~ Subpart VV - Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry. (~~Section 60.480—60.489~~)
53. Subpart VVa - Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced after November 7, 2006.
- ~~61-54.~~ Subpart WW - Beverage Can Surface Coating Industry. (~~Section 60.490—60.496~~)
- ~~62-55.~~ Subpart XX - Bulk Gasoline Terminals. (~~Section 60.500—60.506~~)
- ~~63-56.~~ Subpart AAA - New Residential Wood Heaters. (~~Section 60.530—60.539b~~)
- ~~64-57.~~ Subpart BBB - Rubber Tire Manufacturing Industry. (~~Section 60.540—60.548~~)
- ~~65. Subpart CCC—Reserved~~
- ~~66-58.~~ Subpart DDD - Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry. (~~Section 60.560—60.566~~)
- ~~67. Subpart EEE—Reserved~~
- ~~68-59.~~ Subpart FFF - Flexible Vinyl and Urethane Coating and Printing. (~~Section 60.580—60.585~~)
- ~~69-60.~~ Subpart GGG - Equipment Leaks of VOC in Petroleum Refineries. (~~Section 60.590—60.593~~)
61. Subpart GGGa - Equipment Leaks for VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced after November 7, 2006.
- ~~70-62.~~ Subpart HHH - Synthetic Fiber Production Facilities. (~~Section 60.600—60.604~~)
- ~~71-63.~~ Subpart III - Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes. (~~Section 60.610—60.618~~)

- ~~72-64.~~ Subpart JJJ - Petroleum Dry Cleaners. (~~Section 60.620—60.625~~)
- ~~73-65.~~ Subpart KKK - Equipment Leaks of VOC from Onshore Natural Gas Processing Plants. (~~Section 60.630—60.636~~)
- ~~74-66.~~ Subpart LLL - Onshore Natural Gas Processing; SO2 Emissions. (~~Section 60.640—60.648~~)
- ~~75.~~ Subpart MMM - Reserved
- ~~76-67.~~ Subpart NNN - Volatile Organic Compound (VOC) Emissions ~~From~~ from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations. (~~Section 60.660—60.668~~)
- ~~77-68.~~ Subpart OOO - Nonmetallic Mineral Processing Plants. (~~Section 60.670—60.676~~)
- ~~78-69.~~ Subpart PPP - Wool Fiberglass Insulation Manufacturing Plants. (~~Section 60.680—60.685~~)
- ~~79-70.~~ Subpart QQQ - VOC Emissions from Petroleum Refinery Wastewater Systems. (~~Section 60.690—60.699~~)
- ~~80-71.~~ Subpart RRR - Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes. (~~Section 60.700—60.708~~)
- ~~81-72.~~ Subpart SSS - Magnetic Tape Coating Facilities. (~~Section 60.710—60.718~~)
- ~~82-73.~~ Subpart TTT - Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines. (~~Section 60.720—60.726~~)
- ~~83-74.~~ Subpart UUU - ~~Calcines~~ Calciners and Dryers in Mineral Industries. (~~Section 60.730—60.737~~)
- ~~84-75.~~ Subpart VVV - Polymeric Coating of Supporting Substrates Facilities. (~~Section 60.740—60.747~~)
- ~~85-76.~~ Subpart WWW - Municipal Solid Waste Landfills. (~~Section 60.750—60.759~~)
- ~~86-77.~~ Subpart AAAA - 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. (~~Section 60.1000—60.1465 & Tables~~)
- ~~87.~~ Subpart BBBB - Excluded
- ~~88-78.~~ Subpart CCCC - Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced after November 30, 1999, or for Which Modification or Reconstruction is Commenced on or after June 1, 2001.
- ~~89.~~ Subpart DDDD - Excluded
- ~~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 KKKK - Stationary Combustion Turbines.
- ....

**Article VII. National Emission Standards for Hazardous Air Pollutants**

**17.16.530 National Emissions Standards for Hazardous Air Pollutants (NESHAP).**

- A. Except as provided in subsections B, C, and D of this ~~section~~ Section, the following subparts of 40 CFR ~~Part~~ 61, National Emission Standards for Hazardous Air Pollutants (NESHAPs), and all accompanying appendices, adopted as of ~~July 1, 2004~~ February 1, 2008, and no future editions or amendments, are incorporated by reference as applicable requirements. These standards are on file with the ~~Office of the Secretary of State and the department~~ Department and shall be applied by the ~~department~~ Department. These standards can be obtained from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop SSOP, Washington D.C. 20402-9328.
- ~~1.~~ Subpart A - General Provisions. (~~Section 61.01—61.19~~)
  - ~~2.~~ Subpart B - Excluded
  - ~~3-2.~~ Subpart C - Beryllium. (~~Section 61.20—61.26~~)
  - ~~4-3.~~ Subpart D - Beryllium Rocket Motor Firing. (~~Section 61.40—61.44~~)
  - ~~5-4.~~ Subpart E - Mercury. (~~Section 61.50—61.56~~)
  - ~~6-5.~~ Subpart F - Vinyl Chloride. (~~Section 61.60—61.71~~)
  - ~~7.~~ Subpart G - Reserved
  - ~~8.~~ Subpart H - Excluded
  - ~~9.~~ Subpart I - Excluded
  - ~~10-6.~~ Subpart J - Equipment Leaks (Fugitive Emission Sources) of Benzene. (~~Section 61.110—61.112~~)
  - ~~11.~~ Subpart K - Excluded
  - ~~12-7.~~ Subpart L - Benzene Emissions from Coke By-Product Recovery Plants. (~~Section 61.130—61.139~~)
  - ~~13-8.~~ Subpart M - Asbestos. (~~Section 61.140—61.157 & Appendix A~~)
  - ~~14-9.~~ Subpart N - Inorganic Arsenic Emissions from Glass Manufacturing Plants. (~~Section 61.160—61.165~~)

**County Notices Pursuant to A.R.S. § 49-112**

- ~~15-10.~~ Subpart O - Inorganic Arsenic Emissions from Primary Copper Smelters. (~~Section 61.170—61.177~~)
- ~~16-11.~~ Subpart P - Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production. (~~Section 61.180—61.186~~)
- ~~17.~~ Subpart Q - Excluded
- ~~18.~~ Subpart R - Excluded
- ~~19.~~ Subpart S - Reserved
- ~~20.~~ Subpart T - Excluded
- ~~21.~~ Subpart U - Reserved
- ~~22-12.~~ Subpart V - Equipment Leaks (Fugitive Emission Sources). (~~Section 61.240—61.247 & Tables~~)
- ~~23.~~ Subpart W - Excluded
- ~~24.~~ Subpart X - Reserved
- ~~25-13.~~ Subpart Y - Benzene Emissions from Benzene Storage Vessels. (~~Section 61.270—61.277~~)
- ~~26.~~ Subpart Z - Reserved
- ~~27.~~ Subpart AA - Reserved
- ~~28-14.~~ Subpart BB - Benzene Emissions from Benzene Transfer Operations. (~~Section 61.300—61.306~~)
- ~~29.~~ Subpart CC - Reserved
- ~~30.~~ Subpart DD - Reserved
- ~~31.~~ Subpart EE - Reserved
- ~~32-15.~~ Subpart FF - Benzene Waste Operations. (~~Section 61.340—61.359 & Appendices~~)

B. Except as provided in subsection A, the following subparts of 40 CFR Part 63, NESHAPs for Source Categories, and all accompanying appendices, adopted as of ~~July 1, 2004~~ February 1, 2008, and no future editions or amendments, are incorporated by reference as applicable requirements. These standards are on file with the ~~Office of the Secretary of State and with the department~~ Department and shall be applied by the ~~department~~ Department. These standards can be obtained from the U.S. Government Printing Office, Superintendent of Documents, Mail Stop SSOP, Washington D.C. 20402-9328.

- ~~1.~~ Subpart A - General Provisions. (~~Section 63.1—63.15~~)
- ~~2.~~ Subpart B - Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections 112(g) and 112(j). (~~Section 63.40—63.56~~)
- ~~3.~~ Subpart C - Excluded
- ~~4-3.~~ Subpart D - Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants. (~~Section 63.70—63.81~~)
- ~~5.~~ Subpart E - Excluded
- ~~6-4.~~ Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry. (~~Section 63.100—63.107 & Tables~~)
- ~~7-5.~~ Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater. (~~Section 63.110—63.152 & Appendix~~)
- ~~8-6.~~ Subpart H - National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks. (~~Section 63.160—63.182 & Tables~~)
- ~~9-7.~~ Subpart I - National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks. (~~Section 63.190—63.193~~)
- ~~10-8.~~ Subpart J - ~~Reserved~~ National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production.
- ~~11.~~ Subpart K - Reserved
- ~~12-9.~~ Subpart L - National Emission Standards for Coke Oven Batteries. (~~Section 63.300—63.313 & Appendix~~)
- ~~13-10.~~ Subpart M - National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities. (~~Section 63.320—63.325~~)
- ~~14-11.~~ Subpart N - National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks. (~~Section 63.340—63.347 & Table~~)
- ~~15-12.~~ Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities. (~~Section 63.360—63.367~~)
- ~~16.~~ Subpart P - Reserved
- ~~17-13.~~ Subpart Q - National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers. (~~Section 63.400—63.406 & Table~~)
- ~~18-14.~~ Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations). (~~Section 63.420—63.429 & Table~~)
- ~~19-15.~~ Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry. (~~Section 63.440—63.459 & Table~~)

- 20.16. Subpart T - National Emission Standards for Halogenated Solvent Cleaning. (~~Section 63.460—63.470 & Appendices~~)
- 21.17. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins. (~~Section 63.480—63.506 & Tables~~)
- 22. ~~Subpart V—Reserved~~
- 23.18. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production. (~~Section 63.520—63.528 & Table~~)
- 24.19. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting. (~~Section 63.541—63.550~~)
- 25. ~~Subpart Y—Excluded~~
- 26. ~~Subpart Z—Reserved~~
- 27.20. Subpart AA - National Emission Standards for Hazardous Air Pollutants ~~for~~ from Phosphoric Acid Manufacturing Plants. (~~Section 63.600—63.610 & Appendix~~)
- 28.21. Subpart BB - National Emission Standards for Hazardous Air ~~Pollutant for~~ Pollutants from Phosphate Fertilizers Production Plants. (~~Section 63.620—63.631 & Appendix~~)
- 29.22. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries. (~~Section 63.640—63.679 & Appendix~~)
- 30.23. Subpart DD - National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations. (~~Section 63.680—63.698 & Tables~~)
- 31.24. Subpart EE - National Emission Standards for Magnetic Tape Manufacturing Operations. (~~Section 63.701—63.708 & Table~~)
- 32. ~~Subpart FF—Reserved~~
- 33.25. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities. (~~Section 63.741—63.759 & Table & Appendix~~)
- 34.26. Subpart HH - National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities. (~~Section 63.760—63.779 & Appendix~~)
- 35. ~~Subpart II—Excluded~~
- 36.27. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations. (~~Section 63.800—63.819 & Tables~~)
- 37.28. Subpart KK - National Emission Standards for the Printing and Publishing Industry. (~~Section 63.820—63.839 & Tables~~)
- 38.29. Subpart LL - National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants. (~~Section 63.840—63.859 & Tables & Appendix~~)
- 39.30. Subpart MM - ~~Excluded~~ National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfito, and Stand-Alone Semicheical Pulp Mills.
- 40.31. Subpart OO - National Emission Standards for Tanks-Level 1. (~~Section 63.900—63.907~~)
- 41.32. Subpart PP - National Emission Standards for Containers. (~~Section 63.920—63.928~~)
- 42.33. Subpart QQ - National Emission Standards for Surface Impoundments. (~~Section 63.940—63.948~~)
- 43.34. Subpart RR - National Emission Standards for Individual Drain Systems. (~~Section 63.960—63.966~~)
- 44.35. Subpart SS - National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process. (~~Section 63.980—63.999~~)
- 45.36. Subpart TT - National Emission Standards for Equipment Leaks-Control Level 1. (~~Section 63.1000—63.1018~~)
- 46.37. Subpart UU - National Emission Standards for Equipment Leaks-Control Level 2 Standards. (~~Section 63.1019—63.1039 & Table~~)
- 47.38. Subpart VV - National Emission Standards for Oil-Water Separators and Organic-Water Separators. (~~Section 63.1040—63.1049~~)
- 48.39. Subpart WW - National Emission Standards for Storage Vessels (Tanks)-Control Level 2. (~~Section 63.1060—63.1066~~)
- 49.40. Subpart XX - ~~Reserved~~ National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations.
- 50.41. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards. (~~Section 63.1100—63.1113~~)
- 51. ~~Subpart ZZ—Reserved~~
- 52. ~~Subpart AAA—Reserved~~
- 53. ~~Subpart BBB—Reserved~~

- 54.42. Subpart CCC - National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants. (~~Section 63.1156 – 63.1174 & Table~~)
- 55.43. Subpart DDD - National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production. (~~Section 63.1175 – 63.1199 & Table & Appendix~~)
- 56.44. Subpart EEE - National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors. (~~Section 63.1200 – 63.1213 & Table & Appendix~~)
57. ~~Subpart FFF – Reserved~~
- 58.45. Subpart GGG - National Emission Standards for Pharmaceuticals Production. (~~Section 63.1250 – 63.1261 & Tables~~)
- 59.46. Subpart HHH - National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities. (~~Section 63.1270 – 63.1289 & Appendix~~)
- 60.47. Subpart III - National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production. (~~Section 63.1290 – 63.1309 & Appendix~~)
- 61.48. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins. (~~Section 63.1310 – 63.1335 & Tables~~)
62. ~~Subpart KKK – Reserved~~
- 63.49. Subpart LLL - National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry. (~~Section 63.1340 – 63.1359 & Table~~)
- 64.50. Subpart MMM - National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production. (~~Section 63.1360 – 63.1369 & Tables~~)
- 65.51. Subpart NNN - National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing. (~~Section 63.1380 – 63.1399 & Table & Appendices~~)
- 66.52. Subpart OOO - National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins. (~~Section 63.1400 – 63.1419 & Tables~~)
- 67.53. Subpart PPP - National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production. (~~Section 63.1420 – 63.1439 & Tables~~)
- 68.54. Subpart QQQ - National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting. (~~Section 63.1440 – 63.1459 & Table & Figure~~)
- 69.55. Subpart RRR - National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production. (~~Section 63.1500 – 63.1520 & Tables~~)
70. ~~Subpart SSS – Reserved~~
- 71.56. Subpart TTT - National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting. (~~Section 63.1541 – 63.1550~~)
- 72.57. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Plant Recovery Units. (~~Section 63.1560 – 63.1579 & Tables~~)
- 73.58. Subpart VVV - National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works. (~~Section 63.1580 – 63.1595 & Table~~)
74. ~~Subpart WWW – Reserved~~
- 75.59. Subpart XXX - National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese. (~~Section 63.1620 – 63.1679~~)
- 76.60. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills. (~~Section 63.1930 – 63.1990 & Appendix~~)
- 77.61. Subpart CCCC - National Emission Standards for Hazardous Air Pollutants: Manufacturing of Nutritional Yeast. (~~Section 63.2130 – 63.2192 & Appendices~~)
- 78.62. Subpart DDDD - ~~Reserved~~ National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products.
- 79.63. Subpart EEEE - National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution. (Non-Gasoline) Distribution (Non-Gasoline). (~~Section 63.2330 – 63.2406 & Appendices~~)
- 80.64. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing. (~~Section 63.2430 – 63.2550 & Appendices~~)
- 81.65. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production. (~~Section 63.2830 – 63.2872~~)
- 82.66. Subpart HHHH - National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production. (~~Section 63.2980 – 63.3079 & Appendices~~)
- 83.67. Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks Light-Duty Trucks. (~~Section 63.3080 – 63.3176 & Tables & Appendix A~~)

- 84.68. Subpart JJJJ - National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating. (~~Section 63.3280 – 63.3420 & Tables~~)
- 85.69. Subpart KKKK - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans. (~~Section 63.3480 – 63.3561 & Tables~~)
- 86.70. Subpart MMMM - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products. (~~Section 63.3880 – 63.3981 & Tables & Appendix A~~)
- 87.71. Subpart NNNN - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances. (~~Section 63.4080 – 63.4181 & Tables~~)
- 88.72. Subpart OOOO - National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles. (~~Section 63.4280 – 63.4371 & Tables~~)
- 89.73. Subpart PPPP - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and ~~Products~~ Products. (~~Section 63.4480 – 63.4581 & Tables & Appendix A~~)
- 90.74. Subpart QQQQ - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products. (~~Section 63.4680 – 63.4781 & Appendices~~)
- 91.75. Subpart RRRR - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture. (~~Section 63.4880 – 63.4981 & Appendices~~)
- 92.76. Subpart SSSS - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil. (~~Section 63.5080 – 63.5206 & Appendices~~)
- 93.77. Subpart TTTT - National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations. (~~Section 63.5280 – 63.5460 & Appendices~~)
- 94.78. Subpart UUUU - National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing. (~~Section 63.5480 – 63.5610 & Appendices~~)
- 95.79. Subpart VVVV - National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing. (~~Section 63.5680 – 63.5779 & Appendices~~)
- 96.80. Subpart WWWW - National Emission Standards for Hazardous Air Pollutants: Reinforced Plastics Composites Production. (~~Section 63.5780 – 63.5935 & Appendices~~)
- 97.81. Subpart XXXX - National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing. (~~Section 63.5980 – 63.6015 & Appendices~~)
- 98.82. Subpart YYYY - National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines. (~~Section 63.6080 – 63.6175 & Appendices~~)
- 99.83. Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (~~Section 63.6580 – 63.6675 & Tables~~)
- 100.84. Subpart AAAAA - National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants. (~~Section 63.7080 – 63.7143 & Appendices~~)
- 101.85. Subpart BBBBB - National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing. (~~Section 63.7180 – 63.7195 & Appendices~~)
- 102.86. Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Ovens: Pushing, Quenching and Battery Stacks. (~~Section 63.7280 – 63.7352 & Table 1~~)
103. ~~Subpart DDDDD – Reserved~~
- 104.87. Subpart EEEEE - National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries. (~~Section 63.7680 – 63.7765~~)
- 105.88. Subpart FFFFF - National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities. (~~Section 63.7780 – 63.7852 & Tables~~)
- 106.89. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation. (~~Section 63.7880 – 63.7957 & Tables~~)
- 107.90. Subpart HHHHH - National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing. (~~Section 63.7980 – 63.8105 & Tables~~)
- 108.91. Subpart IIIII - National Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell Chlor-Alkali Plants. (~~Section 63.8180 – 63.8266 & Tables~~)
- 109.92. Subpart JJJJJ - National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing. (~~Section 63.8380 – 63.8515 & Tables~~)
- 110.93. Subpart KKKKK - National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing. (~~Section 63.8530 – 63.8665 & Tables~~)
- 111.94. Subpart LLLLL - National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing and Processing Manufacturing. (~~Section 63.8680 – 63.8698 & Tables~~)

- ~~442-95.~~ Subpart MMMMM - National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication ~~Operation: Operations.~~ (Section ~~63.8780 – 63.8830 & Tables~~)
- ~~443-96.~~ Subpart NNNNN - National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production. (Section ~~63.8980 – 63.9075 & Tables~~)
- ~~114.~~ ~~Subpart OOOOO – Reserved~~
- ~~445-97.~~ Subpart PPPPP - National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stand. (Section ~~63.9280 – 63.9375 & Tables~~)
- ~~446-98.~~ Subpart QQQQQ - National Emission Standards for Hazardous Air Pollutants for Friction-Products Materials Manufacturing Facilities. (Section ~~63.9480 – 63.9579 & Table 1~~)
- ~~447-99.~~ Subpart RRRRR - National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing. (Section ~~63.9580 – 63.9652 & Tables~~)
- ~~448-100.~~ Subpart SSSSS - National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing. (Section ~~63.9780 – 63.9824 & Tables~~)
- ~~449-101.~~ Subpart TTTTT - National Emissions Standards for Hazardous Air Pollutants for Primary Magnesium Refining. (Section ~~63.9880 – 63.9942 & Appendices & Tables~~)
- ~~102.~~ Subpart WWWW - National Emission Standards for Hospital Ethylene Oxide Sterilizer.
- ~~103.~~ Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities.
- ~~104.~~ Subpart ZZZZZ - National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources.
- ~~105.~~ Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.
- ~~106.~~ Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities.
- ~~107.~~ Subpart DDDDDD - National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources.
- ~~108.~~ Subpart EEEEE - National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources.
- ~~109.~~ Subpart FFFFFF - National Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources.
- ~~110.~~ Subpart GGGGGG - National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources-Zinc, Cadmium, and Beryllium.
- ~~111.~~ Subpart HHHHHH - National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources.
- ~~112.~~ Subpart LLLLLL - National Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources.
- ~~113.~~ Subpart MMMMMM - National Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources.
- ~~114.~~ Subpart NNNNNN - National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources: Chromium Compounds.
- ~~115.~~ Subpart OOOOOO - National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources.
- ~~116.~~ Subpart PPPPPP - National Emission Standards for Hazardous Air Pollutants for Lead Acid Battery Manufacturing Area Sources.
- ~~117.~~ Subpart QQQQQQ - National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources.
- ~~118.~~ Subpart RRRRRR - National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources.
- ~~119.~~ Subpart SSSSSS - National Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources.
- ~~120.~~ Subpart TTTTTT - National Emission Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals Processing Area Sources.

- C. When used in 40 CFR ~~Part 61~~ or ~~Part 63~~, "Administrator" means the control officer except that the control officer shall not be authorized to approve alternate or equivalent test methods or alternate ~~standards/work standards or work practices~~, except as specifically provided in 40 CFR 63 Subpart B.

- D. From the general standards identified in subsection A of this ~~section~~ Section delete 40 CFR 61.04. All requests, reports, applications, submittals and other communications to the control officer pursuant to this ~~article~~ Article shall be submitted to the Pima County Department of Environmental Quality, 150 W. Congress, Tucson, AZ 85701.
- E. The control officer shall not be delegated authority to deal with equivalency determinations that are nontransferable through Section ~~112(e)(3)~~ 112(h)(3) of the Act.

**Article VIII. New Major Sources and Major Modifications to Existing Major Sources**  
**17.16.600 Air quality impact analysis and monitoring requirements.**

- E. The owner or operator of a proposed stationary source or modification to a source of volatile organic compounds who satisfies all conditions of 40 CFR 51, Section IV of Appendix S, ~~Section IV~~, may provide post-approval monitoring data for ozone in lieu of providing preconstruction data as required under ~~Subsections~~ subsections B, C, and D of this ~~section~~ Section.