

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

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PINAL COUNTY AIR QUALITY CONTROL DISTRICT

NOTICE OF FINAL RULEMAKING

PURSUANT TO A.R.S. §§49-112 AND 49-471.01 *et seq.*

[M10-421]

1. Preamble

- A. The District proposed that the Board of Supervisors adopt or amend certain rules under authority of A.R.S. §§49-479 and 49-480, which respectively authorized the board to adopt rules to control air pollution and to adopt a stationary source permit program. Affected rules are identified, and corresponding changes discussed in subsection D. of this preamble, and include the following sections:

Section Affected	Rulemaking Action
§1-2-110	Amend
§3-7-585	Amend
§3-7-590	Amend
§3-7-600	Amend
§3-7-620	Amend
§5-8-260	Amend
§5-16-670	Amend
§5-24-1030	Amend
§6-1-030	Amend
§7-1-030	Amend
§7-1-060	Amend
§7-2-030.6.3	Amend
Appendix B	Amend
Appendix C	Amend
Appendix E	Amend

- B. Those wishing further information regarding any aspect of this rulemaking may contact Scott DiBiase, Planning Manager, Pinal County Air Quality, 31 North Pinal St., Building F, Florence, Arizona, 520-866-6929. To the extent possible, the District will also post information on the County's website, www.pinalcountyaz.gov, under the "air quality" link.
- C. The rule making process consisted of an initial administrative rule development process, including the Notice of Docket Opening, Notice of Proposed Rulemaking, a stakeholders meeting, a 30 day public comment period, and an oral proceeding before the Control Officer or his designee. The oral proceeding was conducted on October 7, 2010 in the Emergency Operations Center Hearing Room, Administration Building F, 31 North Pinal Street, Florence, Arizona.
- D. The revisions include the following:
- Grammatical corrections and updates (i.e. numbering updates, update references, etc.) performed in the following sections:
 - §1-2-110
 - §5-16-670
 - §7-1-060
 - §7-2-030.6.3
 - §3-7-585 – Addition of ‘to the nearest \$1 for annual fees...’ for annual fee adjustment
 - §3-7-590 and §3-7-600 – Addition of language where the Control Office may require periodic payment (other than on an annual basis) of permit processing fees.
 - §3-7-620 – Update annual permit fee language to mirror current fee payment structure
 - §5-8-260 – Removal of mass emissions testing exemption since such an exemption has not been used by cotton gins in Pinal County, and has been removed from ADEQ’s rules.
 - §5-24-1030 – Add language to allow the use of an emissions control device as an alternative to meeting the VOC-content limits for sources that conduct painting of metallic surfaces.
 - §6-1-030 – Update performance standards for those subparts of 40 C.F.R. Part 60 that were adopted or revised by the Administrator as of July 1, 2010. In addition, removed mention of particular sections in each Subpart since each sub-

part includes all sections. For the few subparts that exclude sections, the excluded sections are mentioned. Also, added the following subparts since they correspond to existing/planned sources in Pinal County:

- 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.
- Subpart FFFF - Other Solid Waste Incineration Units for Which Construction is commenced on or Before December 9, 2004.
- Subpart IIII – Stationary Compression Ignition Internal Combustion Engines
- Subpart JJJJ – Stationary Spark Ignition Internal Combustion Engines
- Subpart KKKK – Stationary Combustion Turbines

8. §7-1-030 - Update performance standards for those subparts of 40 C.F.R. Part 61 and 63, NESHAPS that were adopted or revised by the Administrator as of July 1, 2010. In addition, removed particular mention of sections in each Subpart since each subpart includes all sections. The subparts that exclude sections, it's clearly mentioned. Added the following subparts since they correspond to existing/planned sources in Pinal County:

- Subpart ZZZZZ – NESHAP for Iron and Steel Foundries Area Sources
- Subpart BBBB – NESHAP for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
- Subpart CCCCC – NESHAP for Gasoline Dispensing Facilities
- Subpart HHHHH – NESHAP for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources
- Subpart OOOOO – NESHAP for Flexible Polyurethane Foam Production and Fabrication Area Sources
- Subpart QQQQQ – NESHAP for Wood Preserving Area Sources
- Subpart WWWWW – NESHAP for Area Source Standards for Plating and Polishing Operations
- Subpart XXXXX – NESHAP for Area Source Standards for Nine Metal Fabrication and Finishing
- Subpart ZZZZZ – NESHAP for Area Source Standards for Aluminum, Copper, and other Nonferrous Foundries

9. §7-2-030.6.3 – Correct the units in the table.

10. Appendix B – Add cost language for public notice and public hearing requirements in fees for permit actions.

11. Appendix C – Add 'no refunds' language to the Earthmoving fees.

12. Appendix E – Add PM2.5 to the list of chemical symbols and abbreviations

- E. A reference to any study relevant to the rule that the agency reviewed and either relied on in its evaluation of or justification for the rule or did not 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.

- F. Economic, small business and consumer impact statement

Given the "at least as stringent" mandate of A.R.S. §49-479, the District has not attempted to assess any added costs associated with the conforming changes discussed in subsection D above.

- G. In accord with A.R.S. §49-471.07(F), the rule changes took effect upon approval by the Board of Supervisors on October 13, 2010.

- H. Compliance with the Fee-limitations of A.R.S. §49-112 (A) or (B).

Based on information and belief, the Director of the Pinal County Air Quality Control District affirms the following:

Initially, the total of the fees and other charges currently assessed in connection with the administration of the County's air quality program do not now equal the cost of program administration. To the extent that both the County and ADEQ impose parallel fees, the County's fees are capped by rule at ADEQ's rates, which implicitly affirms that the County's fees are reasonable. To the extent the County's program affects certain sources that ADEQ either does not regulate or does not charge, these proposed changes do not impose any additional fees on those sources.

- I. A Notice of Docket Opening for this action was published in Volume 16, Issue 33 of A.A.R., August 13, 2010.
A Notice of Docket Opening for this action was published in Volume 16, Issue 33 of A.A.R., August 13, 2010.

- J. Concise Explanatory Statement in accord with A.R.S. §49-471.05(09)

To: Pinal County Board of Supervisors

From: Don Gabrielson
Pinal County Air Quality

Date: 9/30/10

Re: Concise Explanatory Statement pursuant to A.R.S. §49-471.07(B)

1. Notice Regarding Proceedings Before the Air Quality Department

In accord with the notice published at 16 A.A.R. 1510 (8/13/2010), this proposal constitutes a rule or ordinance making pursuant to A.R.S. §49-471.01 *et seq.*

- a. The two principal objectives were to locally adopt the current versions of EPA-performance-standards, and to tend to a variety of minor and housekeeping issues.
- b. On the District's initiative, the AAR notice scheduled a stakeholder meeting to discuss the proposal. That meeting was scheduled and advertised for September 22, 2010. The AAR notice also scheduled an oral proceeding to formally receive any oral argument, data or views from the public. That oral proceeding was scheduled and advertised for October 7, 2010. The formal administrative record will close at the close of business on the day of the oral proceeding, October 7, 2010.

2. Notice Regarding Proceedings Before the Board of Supervisors

Public notices inviting public comment at a hearing before the Board of Supervisors on October 13, 2010, have been posted, published and mailed to the extent required by A.R.S. §49-479. In addition, e-mailed notices were provided to the District's list of stakeholders.

3. Comments Received to Date

Two preliminary comments were received at the September 22nd stakeholder meeting:

- a. Since the principal objective of the revision package was to locally adopt the EPA's revisions to a host of federal performance standards for specific facilities, members of the public asked why the benchmark date for the incorporations by reference was July 1, 2008, rather than a more current date.
- b. The revision package also included a variety of changes characterized by staff as housekeeping issues, including a proposal to delete rather lengthy rules dealing with coal preparation plants, kraft pulp mills and ammonium sulfide manufacturing plants. Members of the public acknowledged that there were no such facilities in Pinal County, but asked whether we shouldn't retain those rules in case such facilities did decide to locate in Pinal County in the future.

4. Deletions and Revisions

The aforementioned A.A.R. notice included a publication of the full text of the proposed revisions. As presented for consideration by the Board of Supervisors, the final package does include a number of deletions and two changes. Since the initial proposal indicated that the final action could include some, all or none of the proposed changes, the deletions are not considered substantial. As explained below, the actual changes are believed to be not substantial, and the Board therefore has authority under A.R.S. §49-471.07 to adopt the revisions as proposed. The deletions and changes are described below.

- a. Several sections are deleted because they would involve a changes to the State Implementation Plan (SIP) or already pending revisions thereto. That would require additionally require revision of Section 1-1-105, designating the County's choice of what should be in the SIP. Since this package did not include revision to that section, changes to the following sections have been deleted from the final package:
 - i. Section 2-1-020, locally defining the PM-10 ambient air quality standard;
 - ii. Section 2-1-070, locally defining the lead ambient air quality standard;
 - iii. Section 2-3-100, identifying by reference the federal rule for interpreting the ambient air quality standards;
 - iv. Section 2-4-150, identifying by reference federal rule defining the prevailing local nonattainment boundaries;
 - v. Section 3-1-030, providing definitions for our SIP-approved permitting program;
 - vi. Section 3-1-081, defining the required permit conditions under our SIP-approved permitting program;
 - vii. Section 3-3-220, defining permit and permit revision requirements for major emitting sources located in nonattainment areas, which constitutes an element of our still-pending nonattainment new source review program;
 - viii. Section 3-8-700, which constitutes our SIP-approved open burning permit program; and
 - ix. Section 4-2-040, our generally applicable, SIP-approved "reasonable precaution" standards.
- b. Pursuant to the comments at the stakeholder meeting, final package deletes the proposed revisions to three articles defining performance standards for specific sources. Staff has also discovered, that since ADEQ has parallel rules, the statutory obligation for "at least as stringent" rules requires retention. Affected rules for which the deletions are omitted from the final rulemaking package include:
 - i. Section 5-27-1088, applying a mass-emission-equation emission limitation to iron and steel plants;
 - ii. Chapter 5, Article 28 Coal Preparation Plants, including Section 5-28-1090 and 5-28-1092;
 - iii. Chapter 5, Article 30 Kraft Pulp Mills, including Sections 5-30-2010 and 5-30-2012; and
 - iv. Chapter 5, Article 33 Ammonium Sulfide Manufacturing, including Section 5-33-2010 and 5-33-2012.
- c. The last deletion affects changes to Section 4-3-070, providing definitions for our generally applicable construction permit program. The preamble in the original notice of proposed rulemaking inadvertently omitted a full discussion of the nature of the revision to that section, and staff has therefore chosen to delete that section from any final action.
- d. Pursuant to comments received at the stakeholder meeting, the only changes involve revising the reference date for the adoption by reference of federal standards from July 1, 2008 to July 1, 2010. Since the notice of proposed

rulemaking made clear that the intent was to adopt current versions of the prevailing federal standards, those changes are not considered substantial. the two affected sections include:

- i. Section 6-1-030, enumerating the EPA's new source performance standards; and
- ii. Section 7-1-030, enumerating the EPA's performance standards for federally listed hazardous air pollutants.

5. Concise Explanatory Statement Supplements

Staff does not expect any additional public comment at the October 7th oral proceeding bearing on the substance of the revised proposed rule transmitted with this concise explanatory statement. To the extent any relevant comment is received, then:

- a. To the extent that comment does not justify further revision, staff will summarize that comment in a supplement to this concise explanatory statement and ask the Board to proceed to adopt the revision package as presented; or
- b. In the unexpected event that comments at the oral proceeding do justify further revisions, staff will ask that the Board allow withdrawal of the pending package.

2. The full text of the rules follows:

1-2-110. Adopted document(s)

The following documents are incorporated herein by reference:

1. The Arizona Department of Environmental Quality's "Arizona Testing Manual for Air Pollutant Emissions", amended as of March 1992.
2. All ASTM test methods referenced in this Code are those adopted as of the date specified.
3. All parts of the C.F.R. referenced in this Code, unless otherwise indicated, as amended as of July 1, 2005~~8~~.
4. The U.S. Government Printing Office's "Standard Industrial Classification Manual, 1987".
5. The following test methods and protocols as adopted by the EPA Administrator, but, unless otherwise specifically designated in a particular provision of this Code, as amended as of July 1, 2005~~8~~:
 - a. 40 CFR Part 50, Appendices I, J, K, L, N
 - b. 40 CFR Part 51, Appendix M.
 - c. 40 CFR Part 53, all appendixes.
 - d. 40 CFR Part 58, all appendixes.
 - e. 40 CFR Part 60, all appendixes.
 - f. 40 CFR Part 61, all appendixes.
 - g. 40 CFR Part 63, all appendixes.
 - h. 40 CFR Part 75, all appendixes.
6. All sections of the Arizona Administrative Code expressly incorporated elsewhere in this Code, and unless expressly designated otherwise, as amended as of September 30, 1999~~2008~~;
7. The following appendixes to Arizona Administrative Code, Title 18, Chapter 2, as amended as of September 30, 1999:
 - a. Appendix 9 - Monitoring Requirements.
 - b. Appendix 10 - Evaluation of Air Quality Data.

3-7-585. Annual fee adjustment

- A. No change
- B. In the event that prior to January 1 of any year the Board does not revise the fees or hourly rates set or referenced by this article on the basis of the preceding cost accounting under §3-7-595, then those fees and rates shall be automatically adjusted, to the nearest \$1 for annual fees only, as of that January to reflect the increase, if any, by which the Consumer Price Index for the most recent year exceeds the Consumer Price Index for the previous year. The Consumer Price Index for any year is the average of the Consumer Price Index for all-urban consumers, published by the U.S. Department of Labor, as of the close of the 12 month period ending on August 31 of each year.

3-7-590. Class I permit fees

- A. No change
- B. No change
- C. No change
- D. No change
- E. No change
- F. The Control Officer may require periodic payment of permit processing fees based on the most recent accounting of time spent processing the permit.

3-7-600. Class II permit fees

- A. No change
- B. No change
- C. No change
- D. The Control Officer may require periodic payment of permit processing fees based on the most recent accounting of time spent processing the permit.

3-7-620. Annual permit fee payment

Unless a specific Code section provides otherwise, as in §3-7-578, the following payment conditions apply to sources required to pay permit-related administrative fees under this Code:

1. Before the issuance of an individual permit, the applicant shall pay to the District an initial permit processing fee, and any revision fees associated with the subsequent revision of such permit.
2. For subsequent years, the annual administrative fee, along with any other applicable fees shall be due:
 - a- ~~For total fees that do not exceed \$ 5,000, on the anniversary date of permit issuance;~~
 - b- ~~For total fees that equal or exceed \$ 5,000, in equal parts, with 50% due on the anniversary date of permit issuance, and 50% due 180 days thereafter.~~

ARTICLE 8. COTTON GINS

5-8-260. Performance standards

- A. No change
- B. No person shall cause, allow or permit to be emitted into the atmosphere, from any type of incinerator, smoke, fumes, gases, particulate matter or other gas-borne material which exceeds 40% opacity.
An opacity of 40% or less shall exempt the source from mass emissions testing. In the event that the cotton gin does not comply with the 40% opacity standard, the owner or operator may request the permission of the Control Officer to perform a mass emissions test observed by a representative of the District. Successful completion of this test will result in an adjustment to the simultaneous opacity standard in accordance with A.A.C. R18-2-702. D.
- C. No change

5-16-670. Performance standards

- A. No change.
- B. By ~~[date, 6 months after rule adoption]~~ April 3, 1994, no person shall sell, offer for sale, manufacture or store for sale or for use within Pinal County any emulsified or cutback asphalt product which contains more than 1.5 percent by volume solvent-VOC unless such material lot included a designation of solvent-VOC content on data sheet(s) expressed in percent solvent-VOC by volume.

ARTICLE 24. MISCELLANEOUS AND UNCLASSIFIED SOURCE REQUIREMENTS

5-24-1030. Generally Applicable Minimum Standards of Performance

- A. No change
- B. No change
- C. No change
- D. No change
- E. No change
- F. No change
- G. No change
- H. No change
- I. No change
- J. No change
- K. No change
- L. No change
- M. No change
- N. No change
- O. As an alternative compliance with the emission limits of subsection (L), the owner or operator may install and operate an emission control system with a combined capture and control efficiency of 90 percent or greater as needed to achieve an equivalent level of control as determined by EPA Test Methods 204 and its sub methods.

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, ~~2005-2010~~, or such other adoption date as specified below, and listed below, including all accompanying appendices, are adopted by reference ~~with the listed exceptions:~~

1. SUBPART A - General Provisions (~~§§60.1 – 60.19~~)
2. SUBPART D - Fossil Fuel-Fired Steam Generators for which construction is commenced after August 17, 1971 (~~§§60.40 – 60.46~~)
3. SUBPART Da - Electric Utility Steam Generating Units for which construction is commenced after September 18, 1978 (~~§§60.40a – 60.52a~~)
4. SUBPART Db - Utility Industrial, Commercial, Institutional Steam Generating Units (~~§§60.40b – 60.49b~~)
5. SUBPART Dc - Small Industrial, Commercial, Institutional Steam Generating Units (~~§§60.40e – 60.48e~~)
6. SUBPART E - Incinerators (~~§§60.50 – 60.54~~)
7. SUBPART Ea - Municipal Waste Combustors for which Construction is Commenced after December 20 1989, and on or before September 20, 1994 (~~§§60.50a – 60.59a~~)
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. (~~§§60.50b-60.59b~~)
9. Subpart Ec - Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for which construction commenced after June 20, 1996. (~~§§60.50e-60.58e~~)
 10. SUBPART F - Portland Cement Plants (~~§§60.60-60.66~~)
 11. SUBPART G - Nitric Acid Plants (~~§§60.70-60.74~~)
 12. SUBPART H - Sulfuric Acid Plants (~~§§60.80-60.85~~)
 13. SUBPART I - Asphaltic Concrete Plants (~~§§60.90-60.93~~)
 14. SUBPART J - Petroleum Refineries (~~§§60.100-60.109~~)
 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 (~~§§60.110-60.113~~)
 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 (~~§§60.110-60.115a~~)
 17. SUBPART Kb - Volatile Organic Liquid Storage Vessels for which construction, reconstruction or modification commenced after July 23, 1984 (including petroleum liquid storage vessels) (~~§§60.110b-60.117b~~)
 18. SUBPART L - Secondary Lead Smelters (~~§§60.120-60.123~~)
 19. SUBPART M - Secondary Brass and Bronze Production Plants (~~§§60.130-60.133~~)
 20. SUBPART N - Iron and Steel Plants from Basic Oxygen Process Furnaces (~~§§60.140-60.144~~)
 21. SUBPART Na - Iron and Steel Plants - Secondary Emissions from Basic Oxygen Process Furnaces for which construction commenced after January 20, 1983 (~~§§60.140a-60.145a~~)
 22. SUBPART O - Sewage Treatment Plants (~~§§60.150-60.156~~)
 23. SUBPART P - Primary Copper Smelters (~~§§60.160-60.166~~)
 24. SUBPART Q - Primary Zinc Smelters (~~§§60.170-60.176~~)
 25. SUBPART R - Primary Lead Smelters (~~§§60.180-60.186~~)
 26. SUBPART S - Primary Aluminum Reduction Plants; except 60.195(b) (~~§§60.190-60.195~~)
 27. SUBPART T - Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants (~~§§60.200-60.204~~)
 28. SUBPART U - Phosphate Fertilizer Industry: Superphosphoric Acid Plants (~~§§60.210-60.214~~)
 29. SUBPART V - Phosphate Fertilizer Industry: Diammonium Phosphate Plants (~~§§60.220-60.224~~)
 30. SUBPART W - Phosphate Fertilizer Industry: Triple Superphosphate Plants (~~§§60.230-60.234~~)
 31. SUBPART X - Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities (~~§§60.240-60.244~~)
 32. SUBPART Y - Coal Preparation Plants (~~§§60.250-60.254~~)
 33. SUBPART Z - Ferro-Alloy Production Facilities (~~§§60.260-60.266~~)
 34. SUBPART AA - Steel Plants: Electric Arc Furnaces constructed after October 21, 1974 and on or before August 17, 1983 (~~§§60.270-60.276~~)
 35. SUBPART AAa - Steel Plants: Electric Arc Furnaces and Argon Oxygen Decarburization Vessels constructed after August 17, 1983 (~~§§60.270a-60.276a~~)
 36. SUBPART BB - Kraft Pulp Mills (~~§§60.280-60.285~~)
 37. SUBPART CC - Glass Manufacturing Plants (~~§§60.290-60.296~~)
 38. SUBPART DD - Grain Elevators (~~§§60.300-60.304~~)
 39. SUBPART EE - Surface Coating of Metal Furniture (~~§§60.310-60.316~~)
 40. SUBPART GG - Stationary Gas Turbines (~~§§60.330-60.335~~)
 41. SUBPART HH - Lime Manufacturing Plants (~~§§60.340-60.344~~)
 42. SUBPART KK - Lead-Acid Battery Manufacturing Plants (~~§§60.370-60.374~~)
 43. SUBPART LL - Metallic Mineral Processing Plants (~~§§60.380-60.386~~)
 44. SUBPART MM - Automobile and Light Duty Truck Surface Coating Operations (~~§§60.390-60.398~~)
 45. SUBPART NN - Phosphate Rock Plants (~~§§60.400-60.404~~)
 46. SUBPART PP - Ammonium Sulfate Manufacture (~~§§60.420-60.424~~)
 47. SUBPART QQ - Graphic Arts Industry: Publication Rotogravure Printing (~~§§60.430-60.435~~)
 48. SUBPART RR - Pressure Sensitive Tape and Label Surface Coating Operations (~~§§60.440-60.447~~)
 49. SUBPART SS - Industrial Surface Coating: Large Appliances (~~§§60.450-60.456~~)
 50. SUBPART TT - Metal Coil Surface Coating (~~§§60.460-60.466~~)
 51. SUBPART UU - Asphalt Processing and Asphalt Roofing Manufacture (~~§§60.470-60.474~~)
 52. SUBPART VV - Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry; ~~except 60.482-1(e)(2) and 60.484~~ (~~§§60.480-60.489~~)
 53. SUBPART WW - Beverage Can Surface Coating Industry (~~§§60.490-60.496~~)
 54. SUBPART XX - Bulk Gasoline Terminals (~~§§60.500-60.506~~)
 55. SUBPART AAA - New Residential Wood Heaters (~~§§60.530-60.539b~~)
 56. SUBPART BBB - Rubber Tire Manufacturing Plants (~~§§60.540-60.548~~)
 57. SUBPART DDD - Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry (~~§§60.560-60.566~~)

58. SUBPART FFF - Flexible Vinyl and Urethane Coating and Printing (~~§§60.580-60.585~~)
59. SUBPART GGG - Equipment Leaks of VOC in Petroleum Refineries (~~§§60.590-60.593~~)
60. SUBPART HHH - Synthetic Fiber Production Facilities (~~§§60.600-60.604~~)
61. SUBPART III - Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes (~~§§60.610-60.618~~)
62. SUBPART JJJ - Petroleum Dry Cleaners (~~§§60.620-60.625~~)
63. SUBPART KKK - Equipment Leaks of VOC from Onshore Natural Gas Processing Plants (~~§§60.630-60.636~~)
64. SUBPART LLL - Onshore Natural Gas Processing: SO₂ Emissions (~~§§60.640-60.648~~)
65. SUBPART NNN - Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Distillation Operations (~~§§60.660-60.668~~)
66. SUBPART OOO - Non-Metallic Mineral Processing Plants (~~§§60.670-60.676~~)
67. SUBPART PPP - Wool Fiberglass Insulation Manufacturing Plants (~~§§60.680-60.685~~)
68. SUBPART QQQ - Petroleum Refinery Wastewater Systems (~~§§60.690-60.699~~)
69. Subpart RRR - Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes (~~58 FR 45962, August 31, 1993.~~) (~~§§60.700-60.708~~)
70. SUBPART SSS - Magnetic Tape Coating Facilities (~~§§60.710-60.718~~)
71. SUBPART TTT - Industrial Surface Coating: Plastic Parts for Business Machines (~~§§60.720-60.726~~)
72. Subpart UUU - Calciners and Dryers in Mineral Industries. (~~§§60.730-60.737~~)
73. Subpart VVV - Polymeric Coating of Supporting Substrates Facilities. (~~§§60.740-60.748~~)
74. Subpart WWW - Municipal Solid Waste Landfills. (~~§§60.750-60.759~~)
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 (~~§§60.1000-60.1465~~)
76. Subpart BBBB - Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999 (~~§§60.1500-60.1940~~)
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 (~~§§60.2000-60.2265~~)
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 (~~§§60.2500-60.2875~~).
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

7-1-030. Performance standards for federally listed hazardous air pollutants

- A. Subject to the specified exceptions, the following Subparts of 40 CFR Part 61 and 63, NESHAPs, along with accompanying appendices, adopted by the Administrator as of July 1, ~~2005~~ 2010, and other than as expressly defined below, no future editions, are hereby adopted by reference:
1. SUBPART A - General Provisions (~~§§61.01-61.19~~)
 2. SUBPART B - Radon Emissions from Underground Uranium Mines (~~§§61.20-61.26~~)
 3. SUBPART C - Beryllium (~~§§61.30-61.34~~)
 4. SUBPART D - Beryllium Rocket Motor Firing (~~§§61.40-61.44~~)
 5. SUBPART E - Mercury (~~§§61.50-61.56~~)
 6. SUBPART F - Vinyl Chloride (~~§§61.60-61.71~~)
 7. Reserved - G
 8. Reserved - H
 9. Reserved - I
 10. SUBPART J - Benzene Fugitive Emissions Sources and Equipment Leaks (~~§§61.110-61.112~~)
 11. Reserved - K
 12. SUBPART L - Benzene Emissions from Coke By-Product Recovery Plants (~~§§61.130-61.139~~)
 13. SUBPART M - Asbestos (~~§§61.140-61.157~~ and Appendix A)
 14. SUBPART N - Inorganic Arsenic Emissions from Glass Manufacturing Plants (~~§§61.160-61.165~~)
 15. SUBPART O - Inorganic Arsenic Emissions from Primary Copper Smelters (~~§§61.170-61.177~~)
 16. SUBPART P - Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities (~~§§61.180-61.186~~)
 17. Reserved - Q
 18. Reserved - R
 19. Reserved - S

20. Reserved - T
 21. Reserved - U
 22. SUBPART V - Volatile Hazardous Air Pollutants: Fugitive Emissions and Equipment Leaks (~~§§61.240-61.247~~)
 23. Reserved - W
 24. Reserved - X
 25. SUBPART Y - Benzene Storage Vessels (~~§§61.270-61.277~~)
 26. Reserved - Z
 27. Reserved - AA
 28. SUBPART BB - Benzene Transfer Operations (~~§§61.300-61.306~~)
 29. Reserved - CC
 30. Reserved - DD
 31. Reserved - EE
 32. SUBPART FF - Benzene Waste Operations (~~§§61.340-61.358~~)
- B. The following Subparts of 40 CFR Part 63, NESHAPs for Source Categories, along with accompanying appendices and amendments, finally adopted or revised by the Administrator as of July 1, ~~2005~~ 2010, and other than as expressly defined below, no future editions are adopted by reference:
1. Subpart A - General Provisions (~~§§63.1-63.16~~)
 2. Subpart B - Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections, Sections 112(g) and 112(j) (~~§§63.40-63.56 and Tables~~)
 3. Subpart C - List of Hazardous Air Pollutants, Petition Process, Lesser Quantity Designations, Source Category List (~~§§63.60-63.69~~), ~~includes amendments adopted as of November 29, 2004.~~
 4. Subpart D - Regulations Governing Compliance Extensions for Early Reductions of Hazardous Air Pollutants (~~§§63.70-63.81~~)
 5. Subpart E - Approval of State Programs and Delegation of Federal Authorities (~~§§63.90-63.99~~)
 6. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (~~§§63.100-63.107 and Tables~~)
 7. 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 (~~§§63.110-63.152 and Tables and Figure~~)
 8. Subpart H - National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks (~~§§63.160-63.183 and Tables~~)
 9. Subpart I - National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks (~~§§63.190-63.193~~)
 10. Subpart J - National Emissions Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production (~~§§63.210-63.217~~)
 11. Reserved - K
 12. Subpart L - National Emission Standards for Coke Oven Batteries (~~§§63.300-63.313 and Appendix~~)
 13. Subpart M - National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities (~~§§63.320-63.326~~)
 14. Subpart N - Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks (~~§§63.340-63.348 and Table~~)
 15. Subpart O - Ethylene Oxide Emissions for Sterilization Facilities (~~§§63.360-63.368~~)
 16. Reserved - P
 17. Subpart Q - Industrial Process Cooling Towers (~~§§63.400-63.407 and Table~~)
 18. Subpart R - Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (~~§§63.420-63.429 and Table~~)
 19. Subpart S - Pulp and Paper Industry (~~§§63.440-63.459 and Table~~)
 20. Subpart T - Halogenated Solvent Cleaning (~~§§63.460-63.470 and Appendix A & B~~)
 21. Subpart U - Group I Polymers and Resins (~~§§63.480-63.507 and Tables~~)
 22. Reserved - V
 23. Subpart W - Epoxy Resins Production and Non-Nylon Polyamides Production (~~§§63.520-63.529 and Table~~)
 24. Subpart X - Secondary Lead Smelting (~~§§63.541-63.551~~)
 25. Subpart Y - Marine Tank Vessel Loading Operations (~~§§63.560-63.568~~)
 26. Reserved - Z
 27. Subpart AA - NESHAP from Phosphoric Acid Manufacturing Plants (~~§§63.600-63.611 and Appendix~~)
 28. Subpart BB - NESHAP from Phosphate Fertilizers Production Plants (~~§§63.620-63.632 and Appendix~~)
 29. Subpart CC - Petroleum Refineries (~~§§63.640-63.655 and Appendix~~)
 30. Subpart DD - Off-site waste and recovery operations (~~§§63.680-63.698 and Tables~~)
 31. Subpart EE - Magnetic Tape Manufacturing Operations (~~§§63.701-63.708 and Table~~)
 32. Reserved - FF
 33. Subpart GG - Aerospace Manufacturing and Rework Facilities (~~§§63.741-63.753, §63.759 and Table 1 and Appendix~~)

34. Subpart HH - NESHAP Oil and Natural Gas Production Facilities (~~§§63.760—63.766, §§63.769—63.777 and Appendix~~)
35. Subpart II - Shipbuilding and Ship Repair (Surface Coating) (~~§§63.780—63.789 and Tables and Appendix A and B~~)
36. Subpart JJ - Wood Furniture Manufacturing Operations (~~§§63.800—63.808 and Tables~~)
37. Subpart KK - Printing and Publishing Industry (~~§§63.820—63.831 and Table 1 and Appendix~~)
38. Subpart LL - Primary Aluminum Reduction Plants (~~§§63.840—63.853 and Tables 1-3 and Appendix~~)
39. Subpart MM - NESHAP for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-alone Semicemical Pulp Mills (~~§§63.860—63.868 and Table~~)
40. Reserved - NN
41. Subpart OO - National emission standards for Tanks - Level 1 (~~§§63.900—63.908~~)
42. Subpart PP - National Emission Standards for Containers (~~§§63.920—63.929~~)
43. Subpart QQ - National Emission Standards for Surface Impoundments (~~§§63.940—63.949~~)
44. Subpart RR - National Emission Standards for Individual Drain Systems (~~§§63.960—63.967~~)
45. Subpart SS - National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas system or a Process (~~§§63.980—63.999~~)
46. Subpart TT - National Emission Standards for Equipment Leaks - Control Level 1 (~~§§63.1000—63.1018~~)
47. Subpart UU - National Emission Standards for Equipment Leaks - Control Level 2 (~~§§63.1019—63.1039 and Table~~)
48. Subpart VV - National Emission Standards for Oil-water Separators and Organic-water separators (~~§§63.1040—63.1050~~)
49. Subpart WW - National Emission Standards for Storage Vessels (Tanks) - Control Level 2 (~~§§63.1060—63.1067~~)
50. Subpart XX - National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations (~~§§63.1080—63.1097 and Tables~~)
51. Subpart YY - NESHAP for Source Categories: Generic Maximum Achievable Technology Standards (~~§§63.1100—63.1114~~)
52. Reserved - ZZ
53. Reserved - AAA
54. Reserved - BBB
55. Subpart CCC - NESHAP for Steel Pickling - HCL Process Facilities and Hydrochloric Acid Regeneration Plants (~~§§63.1155—63.1166 and Table~~)
56. Subpart DDD - NESHAP for Mineral Wool Production (~~§§63.1175—63.1196 and Table 1 and Appendix~~)
57. Subpart EEE - Hazardous Air Pollutants from Hazardous Waste Combustors (~~§§63.1200—63.1214 and Table 1 and Appendix~~)
58. Reserved - FFF
59. Subpart GGG - National Emission Standards for Pharmaceuticals Production (~~§§63.1250—63.1261 and Tables~~)
60. Subpart HHH - NESHAP from Natural Gas Transmission and Storage Facilities (~~§§63.1270—63.1287 and Appendix~~)
61. Subpart III - NESHAP for Flexible Polyurethane Foam Production (~~§§63.1290—63.1309 and Appendix~~)
62. Subpart JJJ - Group IV Polymers and Resins (~~§§63.1310—63.1336 and Tables~~)
63. Reserved - KKK
64. Subpart LLL - NESHAP for Portland Cement Manufacturing Industry (~~§§63.1340—63.1358 and Table~~)
65. Subpart MMM - NESHAP for Pesticide Active Ingredient Production (~~§§63.1360—63.1369 and Tables~~)
66. Subpart NNN - NESHAP for Wool Fiberglass Manufacturing (~~§§63.1380—63.1388 Appendices and Table~~)
67. Subpart OOO - NESHAP from the Manufacture of Amino/Phenolic Resins (~~§§63.1400—63.1419 and Tables~~)
68. Subpart PPP - NESHAP for Polyether Polyols Production (~~§§63.1420—63.1439 and Tables~~)
69. Subpart QQQ - NESHAP for Primary Copper Smelters (~~§§63.1440—63.1459 and Table and Figure 1~~)
70. Subpart RRR - NESHAP for Secondary Aluminum Production (~~§§63.1500—63.1519 and Tables and Appendix~~)
71. Reserved - SSS
71. Subpart TTT - NESHAP for Primary Lead Smelters (~~§§63.1541—63.1550~~)
72. Subpart UUU - NESHAP for Petroleum Refineries, Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units (~~§§63.1560—63.1579 and Tables~~)
73. Subpart VVV - NESHAP for Publicly Owned Treatment Works (~~§§63.1580—63.1595 and Table~~)
74. Reserved - WWW
75. Subpart XXX - NESHAP for Ferroalloys Production; Ferromanganese and Silicomanganese (~~§§63.1650—63.1661~~)
76. Subpart AAAA - NESHAP for Municipal Solid Waste Landfills (~~§§63.1930—63.1990 and Table~~)
77. Subpart CCCC - NESHAP for Manufacture of Nutritional Yeast (~~§§63.2130—63.2192 and Tables~~)
78. Subpart DDDD - NESHAP for Plywood and Composite Wood Products (~~§§63.2230—63.2292 and Tables and Appendices~~)

79. Subpart EEEE - NESHAP for Organic Liquids Distribution (Non-Gasoline) (~~§§63.2330—63.2406 and Tables~~)
80. Subpart FFFF - NESHAP for Miscellaneous Organic Chemical Manufacturing (~~§§63.2430—63.2550 and Tables~~)
81. Subpart GGGG - NESHAP for Solvent Extraction for Vegetable Oil Production (~~§§63.2830—63.2872~~)
82. Subpart HHHH - NESHAP for Wet-Formed Fiberglass Mat Production (~~§§63.2980—63.3004 and Tables and Appendix A and B~~)
83. Subpart IIII - NESHAP for Surface Coating of Automobiles and Light-Duty Trucks (~~§§63.3080—63.3176 and Tables and Appendix~~)
84. Subpart JJJJ - NESHAP for Paper and Other Web Coating (~~§§63.3280—63.3420 and Tables~~)
85. Subpart KKKK - NESHAP for Surface Coating of Metal Cans (~~§§63.3480—63.3561 and Tables~~)
86. Subpart MMMM - NESHAP for Surface Coating of Miscellaneous Metal Parts and Products (~~§§63.3880—63.3981 and Tables and Appendix~~)
87. Subpart NNNN - NESHAP for Surface Coating of Large Appliances (~~§§63.4080—63.4181 and Tables~~)
88. Subpart OOOO - NESHAP for Printing, Coating, and Dyeing of Fabrics and Other Textiles (~~§§63.4280—63.4371 and Tables~~)
89. Subpart PPPP - NESHAP for Surface Coating of Plastic Parts and Products (~~§§63.4480—63.4581 and Tables and Appendix~~)
90. Subpart QQQQ - NESHAP for Surface Coating of Wood Building Products (~~§§63.4680—63.4781 and Tables~~)
91. Subpart RRRR - NESHAP for Surface Coating of Metal Furniture (~~§§63.4880—63.4981 and Tables~~)
92. Subpart SSSS - NESHAP for Surface Coating of Metal Coil (~~§§63.5080—63.5200 and Tables~~)
93. Subpart TTTT - NESHAP for Leather Finishing Operations (~~§§63.5280—63.5460 and Figure 1 and Tables~~)
94. Subpart UUUU - NESHAP for Cellulose Products Manufacturing (~~§§63.5480—63.5610 and Tables~~)
95. Subpart VVVV - NESHAP for Boat Manufacturing (~~§§63.5680—63.5779 and Tables~~)
96. Subpart WWWW - NESHAP for Reinforced Plastic Composites Production (~~§§63.5780—63.5935 and Tables and Appendix~~)
97. Subpart XXXX - NESHAP for Rubber Tire Manufacturing (~~§§63.5980—63.6015 and Tables~~)
98. Subpart YYYY - NESHAP for Stationary Combustion Turbines (~~§§63.6080—63.6175 and Tables~~)
99. Subpart ZZZZ - NESHAP for Stationary Reciprocating Internal Combustion Engines (~~§§63.6580—63.6675 and Tables~~)
100. Subpart AAAAA - NESHAP for Lime Manufacturing Plants (~~§§63.7080—63.7143 and Tables~~)
101. Subpart BBBBB - NESHAP for Semiconductor Manufacturing (~~§§63.7180—63.7195 and Tables~~)
102. Subpart CCCCC - NESHAP for Coke Ovens: Pushing, Quenching, and Battery Stacks (~~§§63.7280—63.7352 and Table~~)
103. Subpart DDDDD - NESHAP for Industrial, Commercial, and Institutional Boilers and Process Heaters (~~§§63.7480—63.7575 and Tables and Appendix~~)
104. Subpart EEEEE - NESHAP for Iron and Steel Foundries (~~§§63.7680—63.7765 and Table~~)
105. Subpart FFFFF - NESHAP for Integrated Iron and Steel Manufacturing Facilities (~~§§63.7780—63.7852 and Tables~~)
106. Subpart GGGGG - NESHAP for Site Remediation (~~§§63.7880—63.7957 and Tables~~)
107. Subpart HHHHH - NESHAP for Miscellaneous Coating Manufacturing (~~§§63.7980—63.8105 and Tables~~)
108. Subpart IIIII - NESHAP for Mercury Emissions From Mercury Cell Chlor-Alkali Plants (~~§§63.8180—63.8266 and Tables~~)
109. Subpart JJJJJ - NESHAP for Brick and Structural Clay Products Manufacturing (~~§§63.8380—63.8515 and Tables~~)
110. Subpart KKKKK - NESHAP for Clay Ceramics Manufacturing (~~§§63.8530—63.8665 and Tables~~)
111. Subpart LLLLL - NESHAP for Asphalt Processing and Asphalt Roofing Manufacturing (~~§§63.8680—63.8698 and Tables~~)
112. Subpart MMMMM - NESHAP for Flexible Polyurethane Foam Fabrication Operations (~~§§63.8780—63.8830 and Tables~~)
113. Subpart NNNNN - NESHAP for Hydrochloric Acid Production (~~§§63.8980—63.9075 and Tables~~)
114. Reserved - Subpart OOOOO
115. Subpart PPPPP - NESHAP for Engine Test Cells/Standards (~~§§63.9280—63.9375 and Tables~~)
116. Subpart QQQQQ - NESHAP for Friction Materials Manufacturing Facilities (~~§§63.9480—63.9570 and Table~~)
117. Subpart RRRRR - NESHAP for Taconite Iron Ore Processing (~~§§63.9580—63.9652 and Tables~~)
118. Subpart SSSSS - NESHAP for Refractory Products Manufacturing (~~§§63.9780—63.9824 and Tables~~)
119. Subpart TTTTT - NESHAP for Primary Magnesium Refining (~~§§63.9880—63.9942 and Tables and Appendices~~)
120. Subpart ZZZZZ -NESHAP for Iron and Steel Foundries Area Sources
121. Subpart BBBBBB - NESHAP for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
122. Subpart CCCCCC - NESHAP for Gasoline Dispensing Facilities
123. Subpart HHHHHH – NESHAP for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources

124. Subpart OOOOOO – NESHAP for Flexible Polyurethane Foam Production and Fabrication Area Sources
125. Subpart QOOOOO – NESHAP for Wood Preserving Area Sources
126. Subpart WWWWWW – NESHAP for Area Source Standards for Plating and Polishing Operations
127. Subpart XXXXXX – NESHAP for Area Source Standards for Nine Metal Fabrication and Finishing
128. Subpart ZZZZZZ – NESHAP for Area Source Standards for Aluminum, Copper, and other Nonferrous Foundries

7-1-060. Asbestos NESHAP Program Administration and Administration Funding

- A. No change
B. For the purpose of defraying the costs of any sampling, testing and analysis that may be required as a result of the District's inspection of any demolition or renovation project subject to the asbestos NESHAP, §7-1-030.A.813, the owner or contractor conducting such project shall either:
1. Have performed such post-inspection sampling and testing and confirming analysis as may be reasonably required by the District to verify the absence, quantity or character of asbestos on the site as may be required to reasonably support any assertions made in the notification under the NESHAP;
 2. Reimburse the District for the reasonable costs of having the District perform, or cause to be performed, such sampling, testing and confirming analyses as may be required to verify the presence, absence, quantity or character of asbestos at the site, or to determine applicability of the asbestos NESHAP. Reimbursement assessable under this subparagraph shall not exceed \$500, unless authorized in advance by the owner/contractor.

7-2-030.6.3

Table 3 – Acute and Chronic Ambient Air Concentrations

Chemical	Acute Ambient Air Concentrations ($\mu\text{g}/\text{m}^3$, mg/m^3)	Chronic Ambient Air Concentrations ($\mu\text{g}/\text{m}^3$, mg/m^3)
1,1,1-Trichloroethane (Methyl Chloroform)	2,075	2.30E+00
1,1,2,2-Tetrachloroethane	18	3.27E-05
1,3-Butadiene	7,514	6.32E-05
1,4-Dichlorobenzene	300	3.06E-04
2,2,4-Trimethylpentane	900	N/A
2,4-Dinitrotoluene	5.0	2.13E-05
2-Chloroacetophenone	N/A	3.13E-05
Acetaldehyde	306	8.62E-04
Acetophenone	25	3.65E-01
Acrolein	0.23	2.09E-05
Acrylonitrile	38	2.79E-05
Antimony Compounds (Selected Compound: Antimony)	13	1.46E-03
Arsenic Compounds (Selected Compound: Arsenic)	2.5	4.41E-07
Benzene	1,276	2.43E-04
Benzyl Chloride	26	3.96E-05
Beryllium Compounds (Selected Compound: Beryllium)	0.013	7.90E-07
Biphenyl	38	1.83E-01
bis (2-Ethylhexy) Phthalate	13	4.80E-04
Bromoform	7.5	1.72E-03
Cadmium Compounds (Selected Compound: Cadmium)	0.25	1.05E-06
Carbon Disulfide	311	7.30E-01
Carbon Tetrachloride	201	1.26E-04
Carbonyl Sulfide	30	N/A
Chlorobenzene	1,000	1.04E+00
Chloroform	195	3.58E-04
Chromium Compounds (Selected Compound: Hexavalent Chromium)	0.10	1.58E-07
Cobalt Compounds (Selected Compound: Cobalt)	10	6.86E-07
Cumene	935	4.17E-01
Cyanide Compounds (Selected Compound: Hydrogen Cyanide)	3.9	3.13E-03
Dibenzofurans	25	7.30E-03
Dichloromethane (Methylene Chloride)	347	4.03E-03
Dimethyl Formamide	164	3.13E-02

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

Dimethyl Sulfate	0.31	N/A
Ethyl Benzene	250	1.04E+00
Ethyl Chloride (Chloroethane)	1,250	1.04E+01
Ethylene Dibromide (Dibromoethane)	100	3.16E-06
Ethylene Dichloride (1,2-Dichloroethane)	405	7.29E-05
Ethylene Glycol	50	4.17E-01
Ethylidene Dichloride (1,1-Dichloroethane)	6,250	5.21E-01
Formaldehyde	17	1.46E-04
Glycol Ethers (Selected Compound: Diethylene Glycol, Monoethyl Ether)	250	3.14E-03
Hexachlorobenzene	0.50	4.12E-06
Hexane	11,649	2.21E+00
Hydrochloric Acid	16	2.09E-02
Hydrogen Fluoride (Hydrofluoric Acid)	9.8	1.46E-02
Isophorone	13	2.09E+00
Manganese Compounds (Selected Compound: Manganese)	2.5	5.21E-05
Mercury Compounds (Selected Compound: Elemental Mercury)	1.0	3.13E-04
Methanol	943	4.17E+00
Methyl Bromide	261	5.21E-03
Methyl Chloride	1,180	9.39E-02
Methyl Hydrazine	0.43	3.96E-07
Methyl Isobutyl Ketone (Hexone)	500	3.13E+00
Methyl Methacrylate	311	7.30E-01
Methyl Tert-Butyl Ether	1,444	7.40E-03
N, N-Dimethylaniline	25	7.30E-03
Naphthalene	75	5.58E-05
Nickel Compounds (Selected Compound: Nickel Refinery Dust)	5.0	7.90E-06
Phenol	58	2.09E-01
Polychlorinated Biphenyls (Selected Compound: Aroclor 1254)	2.5	1.90E-05
Polycyclic Organic Matter (Selected Compound: Benzo(a)pyrene)	5.0	2.02E-06
Propionaldehyde	403	8.62E-04
Propylene Dichloride	250	4.17E-03
Selenium Compounds (Selected Compound: Selenium)	0.50	1.83E-02
Styrene	554	1.04E+00
Tetrachloroethylene (Perchloroethylene)	814	3.20E-04
Toluene	1,923	5.21E+00
Trichloroethylene	1,450	1.68E-05
Vinyl Acetate	387	2.09E-01
Vinyl Chloride	2,099	2.15E-04
Vinylidene Chloride (1,2-Dichloroethylene)	38	2.09E-01
Xylene (Mixed Isomers)	1,736	1.04E-01

APPENDIX B. FEES RELATED TO INDIVIDUAL PERMITS

- A. No change
- B. Fees for Permit Actions. The owner or operator of a Class I Title V Source, Class II Title V Source, or Class II Non-Title V source shall pay to the Control Officer \$66 per hour, adjusted annually under §3-7-585, for all permit processing time required for a billable permit action (does not include permit transfers). The owner or operator of a Class I Title V Source shall pay to the Control Officer the actual costs incurred by the Control Officer to meet the public participation requirements of §3-1-107: including costs incurred by the Control Officer to publish public notice of a public hearing and/or draft permit, to hire a hearing officer, to hire transcription or court reporting services, and to rent meeting room space. Upon completion of permit processing activities but before the issuance or denial of the permit or permit revision, the Control Officer shall send notice of the decision to the applicant along with a final bill. The maximum fee for a billable permit action for a qualifying general source seeking a Class II permit shall be \$500.00. The maximum fee for any other billable permit action for a non-title V source is \$25, 000. Except as provided in §3-1-080, the Control Officer shall not issue a permit or permit revision until the final bill is paid.

- C. No change
- D. No change
- E. No change
- F. No change
- G. No change

APPENDIX C. CONTROLLED OPEN BURNING AND EARTHMOVING FEE SCHEDULE

Category Fee

RESIDENTIAL

- A. One time, 3 day permit \$2.00
- B. 1 month small scale permit (10 cubic yards or less) \$5.00
- C. 1 month large scale permit (more than 10 but less than 20 cubic yards) \$10.00

COMMERCIAL

- A. One time, 3 day permit \$5.00
- B. 1 month small scale permit (10 cubic yards or less) \$20.00
- C. 1 month large scale permit (more than 10 but less than 20 cubic yards) \$35.00
- D. Land-Clearing Operations - Non-Refundable Application Fee \$250.00
- E. Land-Clearing Operations - Additional Permit-Issue Fee (if permit is approved) \$1.00 per acre

BONFIRES FOR COMMUNITY OR CIVIC EVENTS

One Time, 3 Day Permit and less than 20 cubic yards NO FEE

AGRICULTURAL (1 year permit)

- A. Farms less than 320 contiguous acres \$50.00
- B. Farms of 320 or more contiguous acres \$100.00
- C. Maximum annual single-permit fee for all acreage under control of one legal entity, regardless of contiguity or acreage \$200.00

BUILDING DEMOLITION/BUILDING MATERIAL DEMOLITION BY FIRE

- A. Non-refundable pre-permit inspection fee \$50.00
- B. Additional permit-issue fee (if permit is approved) \$200.00

DESTRUCTION OF HAZARDOUS MATERIAL

- A. Non-refundable pre-permit inspection fee \$50.00
- B. Additional permit-issue fee (if permit is approved) \$200.00

EARTHMOVING

No refunds will be issued for earthmoving permits. Credit may be issued on a case by case basis (within 60 days of permit being issued)

Category Fee

- A. Land stripping and/or earthmoving (0.1 to less than five acres) \$75.00*
- Land stripping and/or earthmoving (five to less than 10 acres) \$200.00*
- Land stripping and/or earthmoving (10 acres to less than 20 acres) \$400.00*
- Land stripping and/or earthmoving (20 acres to less than 30 acres) \$600.00*
- Land stripping and/or earthmoving (30 acres to less than 40 acres) \$800.00*
- Land stripping and/or earthmoving (40 acres to less than 50 acres) \$1000.00*
- Land stripping and/or earthmoving (50 acres to less than 60 acres) \$1200.00*
- Land stripping and/or earthmoving (60 acres to less than 70 acres) \$1400.00*
- Land stripping and/or earthmoving (70 acres to less than 80 acres) \$1600.00*
- Land stripping and/or earthmoving (80 acres to less than 100 acres) \$1800.00*
- Land stripping and/or earthmoving (100+ acres) \$2000.00*
- **If a registrant qualifies under the land stripping and/or earthmoving category, no other category applies.
- B. Trenching
 - 363 linear feet to 500 linear feet of aggregate trenching \$50.00*
 - 501 linear feet to 1000 linear feet of aggregate trenching \$100.00*
 - 1,001 to 2,640 linear feet (0.5 mile) \$150.00*
 - 2,641 linear feet to 5,280 linear feet (1.0 mile) \$500.00*
 - 5,281 linear feet to 10,560 linear feet (2.0 miles) \$1,000.00*
 - 10,561 linear feet to 21,120 linear feet (4.0 miles) \$1,500.00*
 - 21,121+ linear feet (greater than 4 miles) \$2,000.00*

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

C. Stockpiling greater than 10 cubic yards but less than 100 cubic yards	\$50.00*
100 cubic yards to 500 cubic yards	\$100.00*
501+ cubic yards	\$150.00*
D. Annual Block Registration (Utilities & Routine Operations)	\$2000.00*
* Late filing fee: Failure to Obtain a Dust Registration prior to construction activity at the site:	
a. For projects less than 5 acres	\$25.00;
b. For projects of 5 acres or larger	\$100.00.

APPENDIX E. CHEMICAL SYMBOLS AND ABBREVIATIONS

Chemical symbols and abbreviations appearing in this Code shall have the following meanings:

Symbol or Abbreviation	Meaning
CO	carbon monoxide
CO ₂	carbon dioxide
Hg	mercury
H ₂ S	hydrogen sulfide
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
O ₂	oxygen
O ₃	ozone
Pb	lead
S	sulfur
SO ₂	sulfur dioxide
TSP	total suspended particulate matter
PM ₁₀	particulate matter 10 µm or less in diameter
<u>PM_{2.5}</u>	<u>particulate matter 2.5 µm or less in diameter</u>
PTFE	polytetrafluoroethylene