

**NOTICE OF FINAL RULEMAKING
MARICOPA COUNTY AIR POLLUTION CONTROL REGULATIONS
REGULATION III – CONTROL OF AIR CONTAMINANTS**

**RULE 360: NEW SOURCE PERFORMANCE STANDARDS
RULE 370: FEDERAL HAZARDOUS AIR POLLUTANT PROGRAM
RULE 371: ACID RAIN
APPENDIX G: INCORPORATED MATERIALS**

The Maricopa County Air Quality Department (MCAQD) incorporated by reference the applicable federal regulations as codified on July 1, 2021, into the corresponding local rules and appendix: Rule 360, Rule 370, Rule 371, and Appendix G. The Control Officer is posting this Notice of Final Rulemaking on the Maricopa County Enhanced Regulatory Outreach Program (EROP) website as required by A.R.S. § 49-471.08, subsection E. This notice contains a preamble as prescribed in A.R.S. § 49-471.05, the written findings required by A.R.S. § 49-471.08, subsection A.2, and the full text of the final rules. This notice also includes a list of all previous notices posted on the Maricopa County ERQP website addressing the proposed rules and appendix; and the concise explanatory statement prescribed in A.R.S. § 49-471.07, subsection B.

PREAMBLE

1. Statutory authority for the rulemaking:

A.R.S. §§ 49-112, 49-471.08, 49-474, 49-479, and 49-480

2. Name and address of department personnel with whom persons may communicate regarding the rulemaking:

Name: Scott Kahldon or Kimberly Butler
Maricopa County Air Quality Department
Planning and Analysis Division

Address: 3800 N Central Avenue, Suite 1400
Phoenix, AZ 85012

Telephone: (602) 506-6010

Fax: (602) 506-6179

Email: AQPlanning@maricopa.gov

Online: [Submit a Comment](#)

3. Rulemaking process:

This rulemaking followed the rulemaking requirements pursuant to A.R.S. § 49-471.08 and the Maricopa County ERQP Policy, incorporation by reference process.

County Manager Briefing:	June 17, 2021
Notice of Expedited Rulemaking	July 28, 2021
Board of Supervisors Formal Meeting to Set Public Hearing	September 15, 2021

4. Explanation of the rule, including the control officer's reasons for initiating the rulemaking:

The Maricopa County Air Pollution Control Regulations contain several rules, Rules 360, 370, 371 and Appendix G, which incorporate by reference federal regulations from Title 40 of the Code of Federal Regulations. These federal regulations include New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP) and Acid Rain regulations. Every July 1, the U.S. Environmental Protection Agency (EPA) codifies revisions made to these federal regulations during the preceding year. The purpose of this rulemaking was to incorporate by reference the applicable federal regulations as codified on July 1, 2021, and thereby update Rules 360, 370, 371, and Appendix G with any revisions made to the corresponding federal rules during the preceding year. This is necessary in order to continue to comply with the MCAQD's delegated authority from EPA to implement and enforce NSPS, NESHAP, and acid rain programs in Maricopa County, except for those specific authorities retained by the EPA. The Board of Supervisors adopted these rules on October 20, 2021. The MCAQD will request delegation authority from the EPA to implement and enforce the federal standards.

Below are revisions made to federal regulations in 40 CFR Parts 51, 58, 60, 61, and 63 between July 1, 2020 and June 30, 2021 that are included in Rules 360, 370, and Appendix G through this rulemaking.

Rule 360:

- To include revisions to 40 CFR Part 60 Subparts Kb, BBa, AAA, WWW, XXX, CCCC, IIII, JJJJ, KKKK, QQQQ, OOOO, and OOOOa.

Rule 370:

- To include revisions to 40 CFR Part 63 Subparts A, F, G, H, J, L, M, N, O, Q, R, S, T, U, W, Y, AA, BB, DD, EE, GG, HH, II, JJ, KK, LL, MM, SS, XX, YY, CCC, DDD, EEE, GGG, HHH, III, JJJ, MMM, NNN, OOO, PPP, RRR, VVV, XXX, AAAA, DDDD, EEEE, FFFF, GGGG, HHHH, IIII, JJJJ, KKKK, MMMM, NNNN, OOOO, PPPP, QQQQ, RRRR, SSSS, TTTT, UUUU, VVVV, WWWW, XXXX, YYYY, ZZZZ, AAAAA, BBBBB, CCCCC, DDDDD, EEEEE, FFFFF, GGGGG, HHHHH, IIIII, JJJJJ, KKKKK, LLLLL, MMMMM, NNNNN, PPPPP, QQQQQ, RRRRR, SSSS, TTTT, WWWWW, ZZZZZ, BBBBBB, CCCCCC, HHHHHH, PPPPP, QQQQQQ, RRRRRR, TTTT, WWWWW, XXXXXX, YYYYYY, AAAAAA, BBBBBB, CCCCCC, and HHHHHH.

Rule 371:

- There were no revisions to 40 CFR Part 72, Part 74, Part 75 or Part 76.

Appendix G:

- To include revisions to 40 CFR Part 53 (Ambient Air Monitoring Reference and Equivalent Methods) and to the test method and performance specifications in:
 - o Appendix M of 40 CFR Part 51
 - o Appendices A-3, A-4, A-5, A-6, A-7, A-8, B, and F of 40 CFR Part 60

- Appendix B of 40 CFR Part 61
- Appendix A of 40 CFR Part 63

The incorporation by reference date for Rules 360, 370, 371, and Appendix G was revised from July 1, 2020, to July 1, 2021.

In addition, the “Availability of Information” sections were removed from each of the rules.

5. Studies relied on in the control officer's evaluation of or justification for the rule and where the public may obtain or review the studies, all data underlying the studies, any analysis of the studies and other supporting material.

The MCAQD did not conduct or review any studies related to this expedited rulemaking action. Any study, data, analysis, or other review of supporting material occurred during the development of the federal standard and are included in the federal register notices. Copies of the federal register notices are available online at <https://www.federalregister.gov/>

6. An economic, small business and consumer impact statement:

The MCAQD is not required to prepare an economic, small business, and consumer impact statement for an expedited rulemaking pursuant to A.R.S. § 41-1055(D)(2).

7. The proposed effective date of the rule:

The effective date of this rulemaking was October 20, 2021.

8. Such other matters as are prescribed by statute and that are applicable to the county or to any specific rule or class of rules:

A.R.S. § 49-471.08(A)(2): Written finding by the Control Officer setting forth the reasons why the rule or ordinance making is necessary and does not alter the sense, meaning, or effect of the federal or state rule or law from which it is derived.

This rulemaking is required to update the applicability dates in these rules. It incorporates subparts that have been codified on July 1, 2021, by the federal government and which are required to be implemented by the MCAQD. Rules 360, 370, 371, and Appendix G do not alter the sense, meaning or effect of the federal regulations from which they are derived, as they incorporate language that is essentially the same as the federal code of regulations.

9. List of all previous notices posted to the Maricopa County EROP website addressing the proposed rule and a concise explanatory statement, as prescribed by A.R.S. § 49-471.07, subsection B:

(a) List of all previous notices posted to the Maricopa County EROP website addressing the proposed rule:

Briefing Notification to County Manager	June 17, 2021
Notice of Expedited Rulemaking	July 28, 2021
Notice of Public Hearing	September 15, 2021

(b) The following discussion addresses each of the elements required for a concise explanatory statement, as prescribed by A.R.S. § 49-471.07, subsection B:

No changes to the rules were made after the Notice of Expedited Rulemaking was posted on July 28, 2021.

The MCAQD did not receive any written comments from stakeholders.

EXACT WORDING OF THE RULES

**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION III – CONTROL OF AIR CONTAMINANTS**

**RULE 360
NEW SOURCE PERFORMANCE STANDARDS**

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**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION III – CONTROL OF AIR CONTAMINANTS**

**RULE 360
NEW SOURCE PERFORMANCE STANDARDS**

SECTION 100 – GENERAL

- 101 PURPOSE:** To establish acceptable design and performance criteria for specified new or modified emission sources.
- 102 APPLICABILITY:** The provisions of this rule apply to the owner or operator of any stationary source which contains an affected facility on which the construction, reconstruction, or a modification is commenced after the date of publication of any standard applicable to such facility in 40 CFR Part 60 and for which federal delegation of the implementation and enforcement of the standards to the Maricopa County Air Quality Department (MCAQD) has been accomplished. Any such stationary source must also comply with other Maricopa County Air Pollution Control Regulations.
- 103 ~~AVAILABILITY OF INFORMATION:~~** ~~Copies of all 40 CFR, Part 60 revisions currently enforced by the MCAQD are available as listed:~~
- ~~a. Maricopa County Air Quality Department.~~
 - ~~b. Maricopa County Rules are available electronically at <https://www.maricopa.gov/1951/Adopted-Rules>~~
 - ~~c. EPA documents are available electronically at https://www.ecfr.gov/cgi-bin/text-idx?SID=3e92ee0bdd77277b5f6e386319a9b84c&mc=true&tpl=/ecfrbrowse/Title40/40tab_02.tpl~~
 - ~~d. ASTM standards are available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428, or from its website at www.astm.org~~
- 104 103 FEDERAL DELEGATION AUTHORITY:** The MCAQD shall enforce the federal new source performance standards (NSPS) (40 CFR Part 60) listed in Section 300 of this rule which have been delegated to the County by the United States Environmental Protection Agency (EPA) for such enforcement. The MCAQD may, in addition, enforce such other NSPS as delegated for such enforcement by the EPA to the MCAQD.

SECTION 200 – DEFINITIONS: For the purpose of this rule, the following definitions shall apply, in addition to those definitions found in Rule 100 (General Provisions and Definitions) of

these rules. In the event of any inconsistency between any of the Maricopa County air pollution control rules, the definitions in this rule take precedence.

- 201 ADMINISTRATOR:** As used in Part 60, Title 40, Code of Federal Regulations, shall mean the Control Officer, except that the Control Officer shall not be empowered to approve alternate or equivalent test methods or alternative standards/work practices, or other nondelegable authorities such as those listed in 40 CFR 60.4(d), except as specifically provided in each subpart.
- 202 AFFECTED FACILITY:** With reference to a stationary source, any apparatus to which a standard is applicable.
- 203 COMMENCED:** With respect to the definition of "new source" in Section 111(a)(2) of the Act, that an owner or operator has undertaken a continuous program of construction, reconstruction, or modification or that an owner or operator has entered into a contracted obligation to undertake and complete, within a reasonable time, a continuous program of construction, reconstruction or modification.
- 204 CONSTRUCTION:** The fabrication, erection, or installation of an affected facility.
- 205 MODIFICATION:** Any physical change in, or change in the method of operation of, an existing facility which increases the amount of any contaminant (to which a standard applies) emitted into the atmosphere by that facility or which results in the emission of any air contaminant (to which a standard applies) into the atmosphere not previously emitted.
- 206 OWNER OR OPERATOR:** Any person who owns, leases, operates, controls, or supervises an affected facility or a stationary source of which an affected facility is a part.
- 207 STANDARD:** A standard of performance promulgated under this rule.
- 208 STATIONARY SOURCE:** Any building, structure, facility, or installation which emits or may emit any air pollutant.

SECTION 300 – STANDARDS

- 301 ADOPTED FEDERAL STANDARDS:** The following federal regulations located in the U.S. Code of Federal Regulations, Part 60 of Title 40, Subchapter C (CFR) as codified on July 1, ~~2020~~ 2021, are herein incorporated by reference in Maricopa County's Air Pollution Control Regulations. This incorporation by reference includes no future editions or amendments. Each owner or operator subject to the requirements of the following subparts shall comply with the requirements of those subparts and the additional requirements set forth herein. Incorporation by reference does not include nondelegable functions of the EPA Administrator.
- 301.1 Subpart A—**General Provisions; exclude any sections dealing with equivalency determinations or innovative technology waivers, as covered in Sections 111(h)(3) and 111(j) respectively of the Clean Air Act.
- 301.2 Subpart D—**Standards of Performance for Fossil-Fuel-Fired Steam Generators for which Construction is Commenced after August 17, 1971.

- 301.3 Subpart Da**—Standards of Performance for Electric Utility Steam Generating Units for which Construction is Commenced after September 18, 1978.
- 301.4 Subpart Db**—Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units.
- 301.5 Subpart Dc**—Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.
- 301.6 Subpart E**—Standards of Performance for Incinerators.
- 301.7 Subpart Ea**—Standards of Performance for Municipal Waste Combustors for which Construction is Commenced after December 20, 1989 and on or before September 20, 1994.
- 301.8 Subpart Eb**—Standards of Performance for 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.
- 301.9 Subpart Ec**—Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for which Construction is Commenced after June 20, 1996.
- 301.10 Subpart F**—(Reserved per A.R.S. § 49-402)
- 301.11 Subpart G**—Standards of Performance for Nitric Acid Plants.
- 301.12 Subpart Ga**—Standards of Performance for Nitric Acid Plants for Which Construction, Reconstruction, or Modification Commenced After October 14, 2011.
- 301.13 Subpart H**—Standards of Performance for Sulfuric Acid Plants.
- 301.14 Subpart I**—Standards of Performance for Hot Mix Asphalt Facilities.
- 301.15 Subpart J**—(Reserved per A.R.S. § 49-402)
- 301.16 Subpart Ja**—(Reserved per A.R.S. § 49-402)
- 301.17 Subpart K**—Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978.
- 301.18 Subpart Ka**—Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.
- 301.19 Subpart Kb**—Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for which Construction, Reconstruction, or Modification Commenced after July 23, 1984.
- 301.20 Subpart L**—(Reserved per A.R.S. § 49-402)
- 301.21 Subpart M**—Standards of Performance for Secondary Brass and Bronze Production Plants.
- 301.22 Subpart N**—Standards of Performance for Primary Emissions from Basic Oxygen Process Furnaces for which Construction Commenced after June 11, 1973.

- 301.23 Subpart Na**—Standards of Performance for Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for which Construction Commenced after January 20, 1983.
- 301.24 Subpart O**—Standards of Performance for Sewage Treatment Plants.
- 301.25 Subpart P**—(Reserved per A.R.S. § 49-402)
- 301.26 Subpart Q**—(Reserved per A.R.S. § 49-402)
- 301.27 Subpart R**—(Reserved per A.R.S. § 49-402)
- 301.28 Subpart S**—Standards of Performance for Primary Aluminum Reduction Plants.
- 301.29 Subpart T**—Standards of Performance for the Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants.
- 301.30 Subpart U**—Standards of Performance for the Phosphate Fertilizer Industry: Superphosphoric Acid Plants.
- 301.31 Subpart V**—Standards of Performance for the Phosphate Fertilizer Industry: Diammonium Phosphate Plants.
- 301.32 Subpart W**—Standards of Performance for the Phosphate Fertilizer Industry: Triple Superphosphate Plants.
- 301.33 Subpart X**—Standards of Performance for the Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities.
- 301.34 Subpart Y**—Standards of Performance for Coal Preparation and Processing Plants.
- 301.35 Subpart Z**—Standards of Performance for Ferroalloy Production Facilities.
- 301.36 Subpart AA**—Standards of Performance for Steel Plants: Electric Arc Furnaces Constructed after October 21, 1974, and on or before August 17, 1983.
- 301.37 Subpart AAa**—Standards of Performance for Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed after August 17, 1983.
- 301.38 Subpart BB**—Standards of Performance for Kraft Pulp Mills.
- 301.39 Subpart BBa**—Standards of Performance for Kraft Pulp Mill Affected Sources for Which Construction, Reconstruction, or Modification Commenced After May 23, 2013.
- 301.40 Subpart CC**—Standards of Performance for Glass Manufacturing Plants.
- 301.41 Subpart DD**—Standards of Performance for Grain Elevators.
- 301.42 Subpart EE**—Standards of Performance for Surface Coating of Metal Furniture.
- 301.43 Subpart FF**—(Reserved)
- 301.44 Subpart GG**—Standards of Performance for Stationary Gas Turbines.
- 301.45 Subpart HH**—Standards of Performance for Lime Manufacturing Plants.
- 301.46 Subpart II**—(Reserved)
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- 301.48 Subpart KK**—Standards of Performance for Lead-Acid Battery Manufacturing Plants.
- 301.49 Subpart LL**—Standards of Performance for Metallic Mineral Processing Plants.
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- 301.51 Subpart NN**—Standards of Performance for Phosphate Rock Plants.
- 301.52 Subpart OO**—(Reserved)
- 301.53 Subpart PP**—Standards of Performance for Ammonium Sulfate Manufacture.
- 301.54 Subpart QQ**—Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing.
- 301.55 Subpart RR**—Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations.
- 301.56 Subpart SS**—Standards of Performance for Industrial Surface Coating: Large Appliances.
- 301.57 Subpart TT**—Standards of Performance for Metal Coil Surface Coating.
- 301.58 Subpart UU**—Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture.
- 301.59 Subpart VV**—Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for which Construction, Reconstruction, or Modification Commenced after January 5, 1981, and on or before November 7, 2006.
- 301.60 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.
- 301.61 Subpart WW**—Standards of Performance for the Beverage Can Surface Coating Industry.
- 301.62 Subpart XX**—Standards of Performance for Bulk Gasoline Terminals.
- 301.63 Subpart YY**—(Reserved)
- 301.64 Subpart ZZ**—(Reserved)
- 301.65 Subpart AAA**—Standards of Performance for New Residential Wood Heaters.
- 301.66 Subpart BBB**—Standards of Performance for the Rubber Tire Manufacturing Industry.
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- 301.71 Subpart GGG**—(Reserved per A.R.S. § 49-402)
- 301.72 Subpart GGGa**—(Reserved per A.R.S. § 49-402)
- 301.73 Subpart HHH**—Standards of Performance for Synthetic Fiber Production Facilities.
- 301.74 Subpart III**—Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes.
- 301.75 Subpart JJJ**—Standards of Performance for Petroleum Dry Cleaners.
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- 301.84 Subpart SSS**—Standards of Performance for Magnetic Tape Coating Facilities.
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- 301.86 Subpart UUU**—Standards of Performance for Calciners and Dryers in Mineral Industries.
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- 301.88 Subpart WWW**—Standards of Performance for Municipal Solid Waste Landfills.
- 301.89 Subpart XXX**—Standards of Performance for Municipal Solid Waste Landfills that Commenced Construction, Reconstruction, or Modification After July 17, 2014.
- 301.90 Subpart YYY**—(Reserved)
- 301.91 Subpart ZZZ**—(Reserved)

- 301.92 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.
- 301.93 Subpart CCCC**—Standards of Performance for 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.
- 301.94 Subpart EEEE**—Standards of Performance for 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.
- 301.95 Subpart GGGG**—(Reserved)
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- 301.97 Subpart IIII**—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines.
- 301.98 Subpart JJJJ**—Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.
- 301.99 Subpart KKKK**—Standards of Performance for Stationary Combustion Turbines.
- 301.100 Subpart LLLL**—Standards of Performance for New Sewage Sludge Incineration Units.
- 301.101 Subpart NNNN**—(Reserved)
- 301.102 Subpart OOOO**—Standards for Crude Oil and Natural Gas Production, Transmission and Distribution.
- 301.103 Subpart OOOOa**—Standards of Performance for Crude Oil and Natural Gas Facilities for Which Construction, Modification or Reconstruction Commenced After September 18, 2015.
- 301.104 Subpart PPPP**—(Reserved)
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- 301.106 Subpart RRRR**—(Reserved)
- 301.107 Subpart SSSS**—(Reserved)
- 301.108 Subpart TTTT**—Standards of Performance for Greenhouse Gas Emissions for Electric Generating Units.
- 302 ADDITIONAL REQUIREMENTS:** From the general standards identified in Section 301 of this rule, delete 40 CFR 60.4, §60.5, and §60.6. All requests, reports, applications, submittals, and other communications to the Control Officer pursuant to this rule shall be submitted to the Maricopa County Air Quality Department.

SECTION 400 – ADMINISTRATIVE REQUIREMENTS (NOT APPLICABLE)

SECTION 500 – MONITORING AND RECORDS (NOT APPLICABLE)

**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION III – CONTROL OF AIR CONTAMINANTS**

**RULE 370
FEDERAL HAZARDOUS AIR POLLUTANT PROGRAM**

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Revised 07/13/1988; Revised 04/06/1992; Repealed and Adopted 11/15/1993; Revised 11/20/1996; Revised 05/14/1997; Revised 05/20/1998; Revised 08/19/1998; Revised 03/01/2000; Revised 03/07/2001; Revised 11/19/2003; Revised 03/15/2006; Revised 12/17/2008; Revised 09/16/2009; Revised 07/07/2010; Revised 08/17/2011; Revised 07/25/2012; Revised 03/26/2014; Revised 11/05/2014; Revised 11/18/2015; Revised 11/02/2016; Revised 12/13/2017; Revised 11/07/2018; Revised 10/23/2019; ~~and Revised 11/18/2020;~~ and **Revised 10/20/2021**

MARICOPA COUNTY

AIR POLLUTION CONTROL REGULATIONS REGULATION III – CONTROL OF AIR CONTAMINANTS

RULE 370 FEDERAL HAZARDOUS AIR POLLUTANT PROGRAM

SECTION 100 – GENERAL

101 PURPOSE: To establish emission standards for federally listed hazardous air pollutants.

102 APPLICABILITY: The provisions of this rule apply to the owner or operator of any stationary source for which a standard is prescribed under this rule, and for which federal delegation of the implementation and enforcement of the standards to the Maricopa County Air Quality Department (MCAQD) has been accomplished. Any such stationary source must also comply with other Maricopa County Air Pollution Control Regulations.

103 AVAILABILITY OF INFORMATION: ~~Copies of all 40 CFR, Part 61 and Part 63 revisions currently enforced by the MCAQD are available as listed:~~

- a. ~~Maricopa County Air Quality Department.~~
- b. ~~Maricopa County Rules are available electronically at <https://www.maricopa.gov/1951/Adopted-Rules>~~
- c. ~~EPA documents are available electronically at https://www.ecfr.gov/cgi-bin/text-id.x?SID=3e92cc0bdd77277b5f6c386319a9b84c&mc=true&tpl=/ecfrbrowse/Title40/40tab_02.tpl~~
- d. ~~ASTM standards are available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428, or from its website at www.astm.org~~

104 103 FEDERAL DELEGATION AUTHORITY: The MCAQD shall enforce the national emission standards for hazardous air pollutants (NESHAPs) (40 CFR 61 and 40 CFR 63) listed in Section 300 of this rule which have been delegated to the County by the United States Environmental Protection Agency (EPA) for such enforcement. The MCAQD in addition, may enforce such other NESHAPs as delegated for such enforcement by the EPA to the County.

SECTION 200 – DEFINITIONS: For the purpose of this rule, the following definitions shall apply, in addition to those definitions found in Rule 100 (General Provisions and Definitions) of these rules. In the event of any inconsistency between any of the Maricopa County air pollution control rules, the definitions in this rule take precedence.

- 201 ADMINISTRATOR:** As used in Parts 61 and 63, Title 40, Code of Federal Regulations, shall mean the Control Officer, except that the Control Officer shall not be empowered to approve alternate or equivalent test methods, alternative standards/work practices, or other nondelegable authorities, except as specifically provided in each subpart.
- 202 AMENDED WATER:** Water to which surfactant (wetting agent) has been added to increase the ability of the liquid to penetrate asbestos-containing material (ACM).
- 203 EXISTING SOURCE:** Any stationary source other than a new source.
- 204 FEDERALLY LISTED HAZARDOUS AIR POLLUTANT:** Any air pollutant listed pursuant to Section 112(b) of the Act.
- 205 GOVERNMENT-ISSUED PHOTO IDENTIFICATION CARD:** Includes, but is not limited to, a valid driver's license, a valid non-operating identification license, a valid tribal enrollment card or tribal identification card, or other valid government issued photo identification that includes the name, address, and photograph of the card holder.
- 206 HAZARDOUS AIR POLLUTANT:** Any air pollutant regulated under Section 112 of the Act, any air pollutant subject to NESHAP, or any air pollutant designated by the Director as a hazardous air pollutant pursuant to A.R.S. § 49-426.04.
- 207 MAJOR SOURCE:** A stationary source or group of stationary sources located within a contiguous area, and under common control, and that emits or has the potential to emit considering controls, in the aggregate, 10 tons per year or more of any federally listed hazardous air pollutant or 25 tons per year or more of any combination of federally listed hazardous air pollutants. A lesser quantity or, in the case of radionuclides, a different criteria may be established by the Administrator pursuant to Section 112 of the Act and may be adopted by the Board of Supervisors by rule.
- 208 MODIFICATION:** Any physical change in, or change in the method of operation of a major source which increases the actual emissions of any federally listed hazardous air pollutant emitted by such source by more than a de minimis amount, or which results in the emission of any federally listed hazardous air pollutant, not previously emitted by more than a de minimis amount.
- 209 NESHAP:** National emission standards for hazardous air pollutants pursuant to 40 CFR Part 61 and Part 63.
- 210 NEW SOURCE:** A stationary source, the construction or reconstruction of which commences after the Administrator first proposes regulations under Section 112 of the Act establishing an emission standard applicable to such source.
- 211 STATIONARY SOURCE:** Any building, structure, facility, or installation which emits or may emit any air pollutant.

SECTION 300 – STANDARDS

STANDARDS OF PERFORMANCE FOR FEDERALLY LISTED HAZARDOUS AIR POLLUTANTS: The federally listed hazardous air pollutants as listed in TABLE 370-1. FEDERAL LIST OF HAZARDOUS AIR POLLUTANTS of this rule and the following federal regulations located in the U.S. Code of Federal Regulations, Part 61 of Title 40, Subchapter C (CFR) as codified on July 1, ~~2020~~ 2021, are herein incorporated by reference with the listed exclusions, in Maricopa County's Air Pollution Control Regulations. This incorporation by reference includes no future editions or amendments. Each owner or operator subject to the requirements of the following subparts shall comply with the requirements of those subparts and the additional requirements set forth herein. Incorporation by reference does not include nondelegable functions of the EPA Administrator.

- 301.1 Subpart A**—General Provisions; exclude any sections dealing with equivalency determinations that are nontransferable through Section 112(e)(3) of the Act.
- 301.2 Subpart C**—National Emission Standard for Beryllium.
- 301.3 Subpart D**—National Emission Standard for Beryllium Rocket Motor Firing.
- 301.4 Subpart E**—National Emission Standard for Mercury.
- 301.5 Subpart F**—National Emission Standard for Vinyl Chloride.
- 301.6 Subpart G**—(Reserved)
- 301.7 Subpart J**—National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene.
- 301.8 Subpart L**—National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants.
- 301.9 Subpart M**—National Emission Standard for Asbestos.
 - a.** Each owner or operator of a demolition activity or renovation activity involving a facility as defined in 40 CFR 61, Subpart M shall:
 - (1)** Fully comply with all requirements of 40 CFR 61, Subpart M.
 - (2)** Thoroughly inspect the facility within 12 months of commencement of demolition or renovation activity for the presence of asbestos, including Category I and Category II nonfriable ACM. Include the date of this inspection on the written notification.
 - (3)** Provide the Control Officer with written notification of intention to demolish or to renovate in the manner described in 40 CFR 61.145.
 - (4)** Update all notifications in accordance with 40 CFR 61.145(b). For renovations described in 40 CFR 61.145(a)(4)(iii), notifications shall expire every December 31, with new notices required at least 10 working days before the end of the calendar year preceding the year for which notice is being given. All other notifications shall expire one year from either the original postmark date or commercial delivery date or date of hand delivery to the Control Officer. For a demolition activity or renovation activity that continues beyond the expiration date, the owner or operator of the demolition or renovation activity shall notify the Control Officer in accordance with 40 CFR 61.145(b) at least 10 working days prior to the

expiration of the original notice and pay all applicable fees prescribed by Rule 280 of these rules.

(5) Pay all applicable fees prescribed by Rule 280 of these rules.

b. In addition, each owner or operator of a demolition activity or renovation activity shall comply with the following requirements:

(1) Certification, training, and record keeping requirements:

(a) All facilities scheduled for demolition or renovation shall be inspected by a currently certified Asbestos Hazard Emergency Response Act (AHERA) accredited asbestos building inspector (herein referenced as inspector), as required by either AHERA or the Asbestos School Hazard Abatement Reauthorization Act (ASHARA).

(b) Each owner and operator of a facility shall maintain a copy of any reports of inspections made for a facility for two years from completion of project, including laboratory test results of samples collected. A copy of the inspection reports and laboratory test results shall be on-site and available for inspection at the facility, upon request of the MCAQD, during all demolition and renovation (asbestos setup, removal, handling, collecting, containerizing, cleanup and dismantling) activities.

(c) All asbestos workers shall maintain current AHERA worker certification. All asbestos contractor/supervisors shall maintain current AHERA/ASHARA contractor/supervisor certification and shall be on-site at all times during any active asbestos abatement work at or above NESHAP threshold amounts. A legible copy of all asbestos workers and contractor/supervisor's current training certificates from an EPA accredited training provider shall be available for inspection at all times at the demolition or renovation site.

(d) All asbestos workers and contractor/supervisors shall have color photo identification on-site and available for inspection, upon request of the MCAQD, at all times during asbestos setup, removal, handling, collecting, containerizing, cleanup and dismantling. The color photo identification shall be from an EPA accredited training provider verifying the certification requirements in section (b)(1)(c), or a current government-issued photo identification card.

(2) Asbestos renovation and demolition standards:

(a) A facility owner or operator shall not create visible dust emissions when removing or transporting to the disposal site Category I nonfriable asbestos-containing material (ACM) and Category II nonfriable ACM that remain nonfriable Category I ACM and nonfriable Category II ACM.

(b) Inspection viewing devices at facilities are required at all asbestos renovation projects where regulated asbestos-containing material (RACM) is being abated, except for roofing projects involving Category I nonfriable ACM and Category II nonfriable ACM exclusively. Viewing

devices shall be so designed as to allow an inspector to view the facility from the outside, either through ports or by video monitoring.

- (c) All exposed RACM subject to cutting or dismantling operations and all RACM being removed from a facility or a facility component shall be kept adequately wet by using amended water to control the release of asbestos fibers. The use of amended water will not be required in the case of an ordered demolition, as defined in 40 CFR 61.145(a)(3), where the debris is suspected to contain or is known to contain ACM, however ordered demolitions are subject to 40 CFR 61.145(c)(9). Specific exemptions are listed under 40 CFR 61.145(c)(3)(i)(A), 40 CFR 61.145(c)(3)(ii) and/or 40 CFR 61.145(c)(7)(i). To claim these exemptions, the owner or operator shall follow the requirements of 40 CFR 61.145(c)(3)(i)(B), 40 CFR 61.145(c)(3)(iii) and/or 61.145(c)(7)(ii) and (iii).
- (d) All RACM shall be contained in transparent, leak-tight wrapping and shall remain adequately wet to prevent dust emissions during removal, transport, storage, and proper landfill disposal following local, county, state, and federal regulations. Affix a visible and legible label to each individual wrapping with the name of the site owner or operator and the name and address of the location that generated the RACM.

- 301.10 Subpart N**—National Emission Standard for Inorganic Arsenic Emissions from Glass Manufacturing Plants.
- 301.11 Subpart O**—(Reserved per A.R.S. § 49-402)
- 301.12 Subpart P**—National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities.
- 301.13 Subpart S**—(Reserved)
- 301.14 Subpart U**—(Reserved)
- 301.15 Subpart V**—National Emission Standard for Equipment Leaks (Fugitive Emission Sources).
- 301.16 Subpart X**—(Reserved)
- 301.17 Subpart Y**—National Emission Standard for Benzene Emissions from Benzene Storage Vessels.
- 301.18 Subpart Z**—(Reserved)
- 301.19 Subpart AA**—(Reserved)
- 301.20 Subpart BB**—National Emission Standard for Benzene Emissions from Benzene Transfer Operations.
- 301.21 Subpart CC**—(Reserved)
- 301.22 Subpart DD**—(Reserved)
- 301.23 Subpart EE**—(Reserved)
- 301.24 Subpart FF**—National Emission Standard for Benzene Waste Operations.

STANDARDS OF PERFORMANCE FOR FEDERALLY LISTED HAZARDOUS AIR POLLUTANTS FOR SOURCE CATEGORIES:

The federally listed hazardous air pollutants as listed in TABLE 370-1. FEDERAL LIST OF HAZARDOUS AIR POLLUTANTS of this rule and the following federal regulations located in the U.S. Code of Federal Regulations, Part 63 of Title 40, Subchapter C (CFR), as codified on July 1, ~~2020~~ 2021, are herein incorporated by reference with the listed exclusions, in Maricopa County's Air Pollution Control Regulations. This incorporation by reference includes no future editions or amendments. Each owner or operator subject to the requirements of the following subparts shall comply with the requirements of those subparts and the additional requirements set forth herein. Incorporation by reference does not include nondelegable functions of the EPA Administrator.

302.1 Subpart A—General Provisions.

302.2 Subpart F—National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry.

302.3 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.

302.4 Subpart H—National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks.

302.5 Subpart I—National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks.

302.6 Subpart J—National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production.

302.7 Subpart K—(Reserved)

302.8 Subpart L—National Emission Standards for Coke Oven Batteries.

302.9 Subpart M—National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities.

302.10 Subpart N—National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks.

302.11 Subpart O—Ethylene Oxide Emissions Standards for Sterilization Facilities.

302.12 Subpart P—(Reserved)

302.13 Subpart Q—National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers.

302.14 Subpart R—National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations).

302.15 Subpart S—National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry.

302.16 Subpart T—National Emission Standards for Halogenated Solvent Cleaning.

302.17 Subpart U—National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins.

- 302.18 Subpart V**—(Reserved)
- 302.19 Subpart W**—National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production.
- 302.20 Subpart X**—(Reserved per A.R.S. § 49-402)
- 302.21 Subpart Z**—(Reserved)
- 302.22 Subpart AA**—National Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants.
- 302.23 Subpart BB**—National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizers Production Plants.
- 302.24 Subpart CC**—(Reserved per A.R.S. § 49-402)
- 302.25 Subpart DD**—National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations.
- 302.26 Subpart EE**—National Emission Standards for Magnetic Tape Manufacturing Operations.
- 302.27 Subpart FF**—(Reserved)
- 302.28 Subpart GG**—National Emission Standards for Aerospace Manufacturing and Rework Facilities.
- 302.29 Subpart HH**—National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities.
- 302.30 Subpart JJ**—National Emission Standards for Wood Furniture Manufacturing Operations.
- 302.31 Subpart KK**—National Emission Standards for the Printing and Publishing Industry.
- 302.32 Subpart LL**—National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants.
- 302.33 Subpart MM**—National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semicheical Pulp Mills.
- 302.34 Subpart NN**—National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing at Area Sources.
- 302.35 Subpart OO**—National Emission Standards for Tanks – Level 1.
- 302.36 Subpart PP**—National Emission Standards for Containers.
- 302.37 Subpart QQ**—National Emission Standards for Surface Impoundments.
- 302.38 Subpart RR**—National Emission Standards for Individual Drain Systems.
- 302.39 Subpart SS**—National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process.
- 302.40 Subpart TT**—National Emission Standards for Equipment Leaks – Control Level 1.

- 302.41 Subpart UU**—National Emission Standards for Equipment Leaks – Control Level 2 Standards.
- 302.42 Subpart VV**—National Emission Standards for Oil-Water Separators and Organic-Water Separators.
- 302.43 Subpart WW**—National Emission Standards for Storage Vessels (Tanks) – Control Level 2.
- 302.44 Subpart XX**—National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations.
- 302.45 Subpart YY**—National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards.
- 302.46 Subpart ZZ**—(Reserved)
- 302.47 Subpart AAA**—(Reserved)
- 302.48 Subpart BBB**—(Reserved)
- 302.49 Subpart CCC**—National Emission Standards for Hazardous Air Pollutants for Steel Pickling – HCl Process Facilities and Hydrochloric Acid Regeneration Plants.
- 302.50 Subpart DDD**—National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production.
- 302.51 Subpart EEE**—National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors.
- 302.52 Subpart FFF**—(Reserved)
- 302.53 Subpart GGG**—National Emission Standards for Pharmaceuticals Production.
- 302.54 Subpart HHH**—National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities.
- 302.55 Subpart III**—National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production.
- 302.56 Subpart JJJ**—National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins.
- 302.57 Subpart KKK**—(Reserved)
- 302.58 Subpart LLL**—(Reserved per A.R.S. § 49-402)
- 302.59 Subpart MMM**—National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production.
- 302.60 Subpart NNN**—National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing.
- 302.61 Subpart OOO**—National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins.
- 302.62 Subpart PPP**—National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production.
- 302.63 Subpart QQQ**—(Reserved per A.R.S. § 49-402)

- 302.64 Subpart RRR**—National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production.
- 302.65 Subpart SSS**—(Reserved)
- 302.66 Subpart TTT**—(Reserved per A.R.S. § 49-402)
- 302.67 Subpart UUU**—(Reserved per A.R.S. § 49-402)
- 302.68 Subpart VVV**—National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works.
- 302.69 Subpart WWW**—(Reserved)
- 302.70 Subpart XXX**—National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese.
- 302.71 Subpart YYY**—(Reserved)
- 302.72 Subpart ZZZ**—(Reserved)
- 302.73 Subpart AAAA**—National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills.
- 302.74 Subpart BBBB**—(Reserved)
- 302.75 Subpart CCCC**—National Emission Standards for Hazardous Air Pollutants: Manufacturing of Nutritional Yeast.
- 302.76 Subpart DDDD**—National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products.
- 302.77 Subpart EEEE**—National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline).
- 302.78 Subpart FFFF**—National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing.
- 302.79 Subpart GGGG**—National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production.
- 302.80 Subpart HHHH**—National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production.
- 302.81 Subpart IIII**—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks.
- 302.82 Subpart JJJJ**—National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating.
- 302.83 Subpart KKKK**—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans.
- 302.84 Subpart LLLL**—(Reserved)
- 302.85 Subpart MMMM**—National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.
- 302.86 Subpart NNNN**—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances.

- 302.87 Subpart OOOO**—National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles.
- 302.88 Subpart PPPP**—National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products.
- 302.89 Subpart QQQQ**—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products.
- 302.90 Subpart RRRR**—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture.
- 302.91 Subpart SSSS**—National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil.
- 302.92 Subpart TTTT**—National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations.
- 302.93 Subpart UUUU**—National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing.
- 302.94 Subpart VVVV**—National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing.
- 302.95 Subpart WWWW**—National Emission Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production.
- 302.96 Subpart XXXX**—National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing.
- 302.97 Subpart YYYYY**—National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines.
- 302.98 Subpart ZZZZ**—National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.
- 302.99 Subpart AAAAA**—National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants.
- 302.100 Subpart BBBB**—National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing.
- 302.101 Subpart CCCC**—National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks.
- 302.102 Subpart DDDDD**—National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.
- 302.103 Subpart EEEEE**—National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries.
- 302.104 Subpart FFFFF**—National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities.
- 302.105 Subpart GGGGG**—National Emission Standards for Hazardous Air Pollutants: Site Remediation.

- 302.106 Subpart HHHHH**—National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing.
- 302.107 Subpart IIIII**—National Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell Chlor-Alkali Plants.
- 302.108 Subpart JJJJJ**—National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing.
- 302.109 Subpart KKKKK**—National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing.
- 302.110 Subpart LLLLL**—National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing.
- 302.111 Subpart MMMMM**—National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations.
- 302.112 Subpart NNNNN**—National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production.
- 302.113 Subpart OOOOO**—(Reserved)
- 302.114 Subpart PPPPP**—National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Standards.
- 302.115 Subpart QQQQQ**—National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities.
- 302.116 Subpart RRRRR**—National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing.
- 302.117 Subpart SSSSS**—National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing.
- 302.118 Subpart TTTTT**—National Emission Standards for Hazardous Air Pollutants for Primary Magnesium Refining.
- 302.119 Subpart UUUUU**—(Reserved per A.R.S. § 49-402)
- 302.120 Subpart VVVVV**—(Reserved)
- 302.121 Subpart WWWW**—National Emission Standards for Hospital Ethylene Oxide Sterilizers.
- 302.122 Subpart XXXXX**—(Reserved)
- 302.123 Subpart YYYYY**—National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities.
- 302.124 Subpart ZZZZZ**—National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources.
- 302.125 Subpart AAAAA**—(Reserved)
- 302.126 Subpart BBBBB**—National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

- 302.127 **Subpart CCCCCC**—National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities.
- 302.128 **Subpart DDDDDD**—National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources.
- 302.129 **Subpart EEEEE**—(Reserved per A.R.S. § 49-402)
- 302.130 **Subpart FFFFFFF**—(Reserved per A.R.S. § 49-402)
- 302.131 **Subpart GGGGGG**—National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources--Zinc, Cadmium, and Beryllium.
- 302.132 **Subpart HHHHHH**—National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources.
- 302.133 **Subpart IIIII**—(Reserved)
- 302.134 **Subpart JJJJJ**—National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers.
- 302.135 **Subpart KKKKKK**—(Reserved).
- 302.136 **Subpart LLLLLL**—National Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources.
- 302.137 **Subpart MMMMM**—National Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources.
- 302.138 **Subpart NNNNNN**—National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources: Chromium Compounds.
- 302.139 **Subpart OOOOOO**—National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources.
- 302.140 **Subpart PPPPPP**—National Emission Standards for Hazardous Air Pollutants for Lead Acid Battery Manufacturing Area.
- 302.141 **Subpart QQQQQQ**—National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources.
- 302.142 **Subpart RRRRRR**—National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources.
- 302.143 **Subpart SSSSSS**—National Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources.
- 302.144 **Subpart TTTTTT**—National Emission Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals Processing Area Sources.
- 302.145 **Subpart UUUUUU**—(Reserved)
- 302.146 **Subpart VVVVVV**—National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources
- 302.147 **Subpart WWWWWW**—National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations.

- 302.148 **Subpart XXXXXX**—National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories.
- 302.149 **Subpart YYYYYY**—National Emission Standards for Hazardous Air Pollutants for Area Sources: Ferroalloys Production Facilities.
- 302.150 **Subpart ZZZZZZ**—National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries.
- 302.151 **Subpart AAAAAA**—National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing.
- 302.152 **Subpart BBBBBB**—National Emission Standards for Hazardous Air Pollutants for Area Sources: Chemical Preparations Industry.
- 302.153 **Subpart CCCCCC**—National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing.
- 302.154 **Subpart DDDDDD**—National Emission Standards for Hazardous Air Pollutants for Area Sources: Prepared Feeds Manufacturing.
- 302.155 **Subpart EEEEEEE**—National Emission Standards for Hazardous Air Pollutants: Gold Mine Ore Processing and Production Area Source Category.
- 302.156 **Subpart FFFFFFFF**—(Reserved).
- 302.157 **Subpart GGGGGG**—(Reserved).
- 302.158 **Subpart HHHHHH**—National Emission Standards for Hazardous Air Pollutant Emissions for Polyvinyl Chloride and Copolymers Production.

303 ADDITIONAL REQUIREMENTS:

- 303.1 From the general standards identified in Section 301 of this rule, delete 40 CFR 61.04. All requests, reports, applications, submittals, and other communications to the Control Officer pursuant to this rule shall be submitted to the Maricopa County Air Quality Department.
- 303.2 Where the Act has established provisions, including specific schedules, for the regulation of source categories pursuant to Sections 112(e)(5) and 112(n) of the Act, the Control Officer may enforce those provisions.
- 303.3 For any category or subcategory of sources licensed by the U.S. Nuclear Regulatory Commission, the Board of Supervisors shall not adopt and the Control Officer shall not enforce any standard or limitation respecting emissions of radionuclides which is more stringent than the standard or limitation adopted by the Administrator pursuant to Section 112 of the Act.
- 303.4 If the Administrator finds by rule that regulation is not appropriate or necessary or that alternative control strategies should be applied, the Control Officer shall administer and enforce this rule based on the Administrator's findings.

SECTION 400 – ADMINISTRATIVE REQUIREMENTS

401 CONTROL TECHNOLOGY DETERMINATIONS FOR MAJOR SOURCES IN ACCORDANCE WITH CLEAN AIR ACT SECTIONS, SECTIONS 112(g) AND

112(j): 40 CFR 63.40 through 40 CFR 63.44 and 40 CFR 63.50 through 40 CFR 63.56 are adopted by reference as of July 1, ~~2020~~ 2021.

402 COMPLIANCE EXTENSIONS FOR EARLY REDUCTION OF FEDERALLY LISTED HAZARDOUS AIR POLLUTANTS: 40 CFR 63.70 through 40 CFR 63.81 and Table 370.1 are adopted by reference as of July 1, ~~2020~~ 2021.

SECTION 500 – MONITORING AND RECORDS (NOT APPLICABLE)

TABLE 370-1. FEDERAL LIST OF HAZARDOUS AIR POLLUTANTS

A. All of the following are federally listed hazardous air pollutants:

CAS No.	Chemical Name	CAS No.	Chemical Name
75-07-0	Acetaldehyde	532-27-4	2-Chloroacetophenone
60-35-5	Acetamide	108-90-7	Chlorobenzene
75-05-8	Acetonitrile	510-15-6	Chlorobenzilate
98-86-2	Acetophenone	67-66-3	Chloroform
53-96-3	2-Acetylaminofluorene	107-30-2	Chloromethyl methyl ether
107-02-8	Acrolein	126-99-8	Chloroprene
79-06-1	Acrylamide	1319-77-3	Cresols/Cresylic acid (isomers and mixture)
79-10-7	Acrylic acid		
107-13-1	Acrylonitrile	95-48-7	o-Cresol
107-05-1	Allyl chloride	108-39-4	m-Cresol
92-67-1	4-Aminobiphenyl	106-44-5	p-Cresol
62-53-3	Aniline	98-82-8	Cumene
90-04-0	o-Anisidine	94-75-7	2,4-D, salts and esters
1332-21-4	Asbestos	3547-04-4	DDE
71-43-2	Benzene (including benzene from gasoline)	334-88-3	Diazomethane
		132-64-9	Dibenzofurans
92-87-5	Benzidine	96-12-8	1,2-Dibromo-3-chloropropane
98-07-7	Benzotrichloride	84-74-2	Dibutylphthalate
100-44-7	Benzyl chloride	106-46-7	1,4-Dichlorobenzene(p)
92-52-4	Biphenyl	91-94-1	3,3-Dichlorobenzidine
117-81-7	Bis(2-ethylhexyl)phthalate (DEHP)	111-44-4	Dichloroethyl ether (Bis(2-chloroethyl)ether)
542-88-1	Bis(chloromethyl)ether		
75-25-2	Bromoform	542-75-6	1,3-Dichloropropene
106-99-0	1,3-Butadiene	62-73-7	Dichlorvos
156-62-7	Calcium cyanamide	111-42-2	Diethanolamine
133-06-2	Captan	121-69-7	N,N-Diethyl aniline (N,N-Dimethylaniline)
63-25-2	Carbaryl		
75-15-0	Carbon disulfide	64-67-5	Diethyl sulfate
56-23-5	Carbon tetrachloride	119-90-4	3,3-Dimethoxybenzidine
463-58-1	Carbonyl sulfide	60-11-7	Dimethyl aminoazobenzene
120-80-9	Catechol	119-93-7	3,3'-Dimethyl benzidine
133-90-4	Chloramben	79-44-7	Dimethyl carbamoyl chloride
57-74-9	Chlordane	68-12-2	Dimethyl formamide
7782-50-5	Chlorine	57-14-7	1,1-Dimethyl hydrazine
79-11-8	Chloroacetic acid	131-11-3	Dimethyl phthalate

CAS No.	Chemical Name	CAS No.	Chemical Name
77-78-1	Dimethyl sulfate	108-10-1	Methyl isobutyl ketone (Hexone)
534-52-1	4,6-Dinitro-o-cresol, and salts	624-83-9	Methyl isocyanate
51-28-5	2,4-Dinitrophenol	80-62-6	Methyl methacrylate
121-14-2	2,4-Dinitrotoluene	1634-04-4	Methyl tert butyl ether
123-91-1	1,4-Dioxane (1,4-Diethyleneoxide)	101-14-4	4,4-Methylene bis (2-chloroaniline)
122-66-7	1,2-Diphenylhydrazine	75-09-2	Methylene chloride (Dichloromethane)
106-89-8	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	101-68-8	Methylene diphenyl diisocyanate (MDI)
106-88-7	1,2-Epoxybutane	101-77-9	4,4'-Methylenedianiline
140-88-5	Ethyl acrylate	91-20-3	Naphthalene
100-41-4	Ethyl benzene	98-95-3	Nitrobenzene
51-79-6	Ethyl carbamate (Urethane)	92-93-3	4-Nitrobiphenyl
75-00-3	Ethyl chloride (Chloroethane)	100-02-7	4-Nitrophenol
106-93-4	Ethylene dibromide (Dibromoethane)	79-46-9	2-Nitropropane
107-06-2	Ethylene dichloride (1,2-Dichloroethane)	684-93-5	N-Nitroso-N-methylurea
107-21-1	Ethylene glycol	62-75-9	N-Nitrosodimethylamine
151-56-4	Ethylene imine (Aziridine)	59-89-2	N-Nitrosomorpholine
75-21-8	Ethylene oxide	56-38-2	Parathion
96-45-7	Ethylene thiourea	82-68-8	Pentachloronitrobenzene (Quintobenzene)
75-34-3	Ethylidene dichloride (1,1-Dichloroethane)	87-86-5	Pentachlorophenol
50-00-0	Formaldehyde	108-95-2	Phenol
76-44-8	Heptachlor	106-50-3	p-Phenylenediamine
118-74-1	Hexachlorobenzene	75-44-5	Phosgene
87-68-3	Hexachlorobutadiene	7803-51-2	Phosphine
77-47-4	Hexachlorocyclopentadiene	7723-14-0	Phosphorus
67-72-1	Hexachloroethane	85-44-9	Phthalic anhydride
822-06-0	Hexamethylene-1,6-diisocyanate	1336-36-3	Polychlorinated biphenyls (Aroclors)
680-31-9	Hexamethylphosphoramide	1120-71-4	1,3-Propane sultone
110-54-3	Hexane	57-57-8	beta-Propiolactone
302-01-2	Hydrazine	123-38-6	Propionaldehyde
7647-01-0	Hydrochloric acid	114-26-1	Propoxur (Baygon)
7664-39-3	Hydrogen fluoride (Hydrofluoric acid)	78-87-5	Propylene dichloride (1,2-Dichloropropane)
123-31-9	Hydroquinone	75-56-9	Propylene oxide
78-59-1	Isophorone	75-55-8	1,2-Propylenimine (2-Methylaziridine)
58-89-9	Lindane (all isomers)	91-22-5	Quinoline
108-31-6	Maleic anhydride	106-51-4	Quinone
67-56-1	Methanol	100-42-5	Styrene
72-43-5	Methoxychlor	96-09-3	Styrene oxide
74-83-9	Methyl bromide (Bromomethane)	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin
74-87-3	Methyl chloride (Chloromethane)	79-34-5	1,1,2,2-Tetrachloroethane
71-55-6	Methyl chloroform (1,1,1-Trichloroethane)	127-18-4	Tetrachloroethylene (Perchloroethylene)
60-34-4	Methyl hydrazine	7550-45-0	Titanium tetrachloride
74-88-4	Methyl iodide (Iodomethane)	108-88-3	Toluene

CAS No.	Chemical Name	CAS No.	Chemical Name
95-80-7	2,4-Toluene diamine	106-42-3	p-Xylenes
584-84-9	2,4-Toluene diisocyanate	0	Antimony Compounds
95-53-4	o-Toluidine	0	Arsenic Compounds inorganic including arsine)
8001-35-2	Toxaphene (chlorinated camphene)	0	Beryllium Compounds
120-82-1	1,2,4-Trichlorobenzene	0	Cadmium Compounds
79-00-5	1,1,2-Trichloroethane	0	Chromium Compounds
79-01-6	Trichloroethylene	0	Cobalt Compounds
95-95-4	2,4,5-Trichlorophenol	0	Coke Oven Emissions
88-06-2	2,4,6-Trichlorophenol	0	Cyanide Compounds ^[1]
121-44-8	Triethylamine	0	Glycol ethers ^[2]
1582-09-8	Trifluralin	0	Lead Compounds
540-84-1	2,2,4-Trimethylpentane	0	Manganese Compounds
108-05-4	Vinyl acetate	0	Mercury Compounds
593-60-2	Vinyl bromide	0	Fine mineral fibers ^[3]
75-01-4	Vinyl chloride	0	Nickel Compounds
75-35-4	Vinylidene chloride (1,1-Dichloroethylene)	0	Polycyclic Organic Matter ^[4]
1330-20-7	Xylenes (isomers and mixture)	0	Radionuclides (including radon) ^[5]
95-47-6	o-Xylenes	0	Selenium Compounds
108-38-3	m-Xylenes		

B. The following applies for all listings above which contain the word "compounds" or are glycol ethers: unless otherwise specified, these listings are defined as including any unique chemical substance that contains the named chemical (i.e., antimony, arsenic, etc.) as part of that chemical's infrastructure.

1. X'CN where X = H' or any other group where a formal dissociation may occur (e.g. KCN or Ca(CN)₂).
2.
 - a. Includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_n-OR' where:
 - n = 1, 2, or 3;
 - R = alkyl C7 or less; or
 - R = phenyl or alkyl substituted phenyl;
 - R' = H or alkyl C7 or less; or
 - OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.
 - b. Glycol ethers do not include ethylene glycol monobutyl ether (EGBE, 2-Butoxyethanol) (CAS No. 111-76-2).
3. Includes mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers (or other mineral derived fibers) of average diameter one micrometer (1μ) or less.
4. Includes organic compounds which have more than one benzene ring and which have a boiling point greater than or equal to 212 °F (100 °C).
5. A type of atom which spontaneously undergoes radioactive decay.

**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION III – CONTROL OF AIR CONTAMINANTS**

**RULE 371
ACID RAIN**

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Adopted 02/15/1995; Revised 04/03/1996; Revised 03/01/2000; Revised 03/07/2001; Revised 11/19/2003; Revised 03/15/2006; Revised 12/17/2008; Revised 09/16/2009; Revised 07/07/2010; Revised 08/17/2011; Revised 07/25/2012; Revised 03/26/2014; Revised 11/05/2014; Revised 11/18/2015; Revised 11/02/2016; Revised 12/13/2017; Revised 11/07/2018; Revised 10/23/2019; ~~and~~ Revised 11/18/2020; and Revised 10/20/2021

**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS
REGULATION III – CONTROL OF AIR CONTAMINANTS**

**RULE 371
ACID RAIN**

SECTION 100 – GENERAL

101 PURPOSE: To incorporate by reference the Acid Rain federal regulations in order to obtain delegated authority to enforce portions of the Clean Air Act Amendments of 1990 (CAAA).

102 APPLICABILITY: This rule applies to those affected units as described in 40 CFR 72.6 which has been adopted by reference and no future additions or amendments. Any such stationary source must also comply with other Maricopa County Air Pollution Control Regulations.

103 SEVERABILITY: If the provisions or requirements of the regulations incorporated pursuant to this rule conflict with any of the remaining portions of these rules, the regulations incorporated pursuant to this rule shall apply and shall take precedence.

104 AVAILABILITY OF INFORMATION: ~~Copies of 40 CFR Part 72 (Permits Regulation), 40 CFR Part 74 (Sulfur Dioxide Opt-Ins), 40 CFR Part 75 (Continuous Emission Monitoring), and 40 CFR 76 (Acid Rain Nitrogen Oxides Emission Reduction Program) and all accompanying appendices currently enforced by the Maricopa County Air Quality Department (MCAQD) are available as listed:~~

- a. ~~Maricopa County Air Quality Department~~
- b. ~~Maricopa County Rules are available electronically at <https://www.maricopa.gov/1951/Adopted-Rules>~~
- c. ~~EPA documents are available electronically at https://www.ecfr.gov/cgi-bin/text-id.x?SID=3e92ce0bdd77277b5f6c386319a9b84e&mc=true&tpl=/ecfrbrowse/Title40/40tab_02.tpl~~
- d. ~~ASTM standards are available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428, or from its website at www.astm.org~~

105 104 FEDERAL DELEGATION AUTHORITY: The MCAQD shall enforce the Federal Acid Rain Regulations which have been delegated to the County by the United States Environmental Protection Agency (EPA) for such enforcement. The MCAQD may, in addition, enforce such other Acid Rain Rules as delegated for such enforcement by the EPA to the MCAQD.

SECTION 200 – DEFINITIONS: See Rule 100 (General Provisions and Definitions) of these rules for definitions of terms that are used but not specifically defined in this rule.

SECTION 300 – STANDARDS

301 INCORPORATED SUBPARTS OF THE FEDERAL ACID RAIN REGULATIONS: The following federal regulations located in the U.S. Code of Federal Regulations, Title 40, Subchapter C (CFR) as codified on July 1, ~~2020~~ 2021, are herein incorporated by reference in Maricopa County’s Air Pollution Control Regulations. This incorporation by reference includes no future editions or amendments. Each owner or operator subject to the requirements of the following subparts shall comply with the requirements of those subparts and the additional requirements set forth herein. Incorporation by reference does not include nondelegable functions of the EPA Administrator.

- a. 40 CFR Part 72—Permits Regulation
- b. 40 CFR Part 74—Sulfur Dioxide Opt-Ins
- c. 40 CFR Part 75—Continuous Emission Monitoring
- d. 40 CFR Part 76—Acid Rain Nitrogen Oxides Emission Reduction Program

302 FEDERAL REGULATORY REVISIONS: The Maricopa County Board of Supervisors shall take action following promulgation by the Environmental Protection Agency (EPA) of regulations implementing Section 407 and Section 410 of the Clean Air Act (CAA), or revising either Part 72, 74, 75, and/or 76 of the regulations implementing Section 407 or Section 410 of the CAA, to either incorporate such new or revised provisions by reference or to submit, for the EPA approval, the Maricopa County Air Pollution Control Regulations implementing these provisions.

SECTION 400 – ADMINISTRATIVE REQUIREMENTS (NOT APPLICABLE)

SECTION 500 – MONITORING AND RECORDS (NOT APPLICABLE)

Adopted 03/15/2006; Revised 12/17/2008; Revised 09/16/2009; Revised 07/07/2010; Revised 08/17/2011; Revised 07/25/2012; Revised 09/25/2013; Revised 03/26/2014; Revised 11/05/2014; Revised 11/18/2015; Revised 11/02/2016; Revised 12/13/2017; Revised 11/07/2018; Revised 10/23/2019; ~~and~~ Revised 11/18/2020; and Revised 10/20/2021

**MARICOPA COUNTY
AIR POLLUTION CONTROL REGULATIONS**

**APPENDIX G
Incorporated Materials**

1. The following federal regulations located in the U.S. Code of Federal Regulations, Title 40, Subchapter C (CFR) as codified on July 1, ~~2020~~ 2021, are herein incorporated by reference in Maricopa County's Air Pollution Control Regulations. This incorporation by reference includes no future editions or amendments. Each owner or operator subject to the requirements of the following subparts shall comply with the requirements of those subparts and the additional requirements set forth herein. Incorporation by reference does not include nondelegable functions of the EPA Administrator.
 - a. 40 CFR Part 50-National Primary and Secondary Ambient Air Quality Standards
 - b. The following appendices to 40 CFR Part 51:
 1. Appendix A to Subpart A of Part 51-Table 2A: Facility Inventory Data Elements for Reporting Emissions From Point Sources, Where Required by 40 CFR 51.30
 2. Appendix M to Part 51-Recommended Test Methods for State Implementation Plans
 3. Appendix S to Part 51, Section IV-Sources That Would Locate in a Designated Nonattainment Area
 4. Appendix W to Part 51-Guideline on Air Quality Models
 - c. The following appendices to 40 CFR Part 52:
 1. Appendix D to Part 52-Determination of Sulfur Dioxide Emissions From Stationary Sources by Continuous Monitors
 2. Appendix E to Part 52-Performance Specifications and Specification Test Procedures for Monitoring Systems for Effluent Stream Gas Volumetric Flow Rate
 - d. 40 CFR Part 53-Ambient Air Monitoring Reference and Equivalent Methods
 - e. 40 CFR Part 58-Ambient Air Quality Surveillance
 - f. The following appendices to 40 CFR Part 60-Standards of Performance for New Stationary Sources:
 1. Appendix A-1 to Part 60—Test Methods 1 through 2F
 2. Appendix A-2 to Part 60—Test Methods 2G through 3C
 3. Appendix A-3 to Part 60—Test Methods 4 through 5I
 4. Appendix A-4 to Part 60—Test Methods 6 through 10B

5. Appendix A-5 to Part 60—Test Methods 11 through 15A
 6. Appendix A-6 to Part 60—Test Methods 16 through 18
 7. Appendix A-7 to Part 60—Test Methods 19 through 25E
 8. Appendix A-8 to Part 60—Test Methods 26 through 30B
 9. Appendix B to Part 60—Performance Specifications
 10. Appendix C to Part 60—Determination of Emission Rate Change
 11. Appendix D to Part 60—Required Emission Inventory Information
 12. Appendix F to Part 60—Quality Assurance Procedures
- g.** The following appendices to 40 CFR Part 61—National Emission Standards for Hazardous Air Pollutants:
1. Appendix A to Part 61—National Emission Standards for Hazardous Air Pollutants Compliance Status Information
 2. Appendix B to Part 61—Test Methods
 3. Appendix C to Part 61—Quality Assurance Procedures
- h.** The following appendices to 40 CFR Part 63—National Emission Standards for Hazardous Air Pollutants for Source Categories:
1. Appendix A to Part 63—Test Methods Pollutant Measurement Methods from Various Waste Media
 2. Appendix C to Part 63—Determination of the Fraction Biodegraded (Fbio) in a Biological Treatment Unit
 3. Appendix E to Part 63—Monitoring Procedure for Nonthoroughly Mixed Open Biological Treatment Systems at Kraft Pulp Mills Under Unsafe Sampling Conditions
- 2.** The following are federally listed non-precursor organic compounds, organic compounds which have been determined to have negligible photochemical reactivity as listed in 40 CFR 51.100(s). This list is incorporated by reference as of July 1, ~~2020~~ 2021, and no future editions or amendments:

CAS NUMBER	COMPOUND NAME
1615-75-4	1 chloro-1-fluoroethane (HCFC-151a)
163702-07-6	1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-butane (C ₄ F ₉ OCH ₃ or HFE-7100)
375-03-1	1,1,1,2,2,3,3-heptafluoro-3-methoxy-propane (n-C ₃ F ₇ OCH ₃ , HFE-7000)
132182-92-4	1,1,1,2,2,3,4,5,5,5-decafluoro-3-methoxy-4-trifluoromethyl-pentane (HFE-7300)
431-89-0	1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea)
431-63-0	1,1,1,2,3,3,3-hexafluoropropane (HFC-236ea)
138495-42-8	1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC 43-10mee)
431-31-2	1,1,1,2,3-pentafluoropropane (HFC-245eb)
811-97-2	1,1,1,2-tetrafluoroethane (HFC-134a)
690-39-1	1,1,1,3,3,3-hexafluoropropane (HFC-236fa)

CAS NUMBER	COMPOUND NAME
406-58-6	1,1,1,3,3-pentafluorobutane (HFC-365mfc)
460-73-1	1,1,1,3,3-pentafluoropropane (HFC-245fa)
71-55-6	1,1,1-trichloroethane (methyl chloroform)
306-83-2	1,1,1-trifluoro 2,2-dichloroethane (HCFC-123)
420-46-2	1,1,1-trifluoroethane (HFC-143a)
679-86-7	1,1,2,2,3-pentafluoropropane (HFC-245ca)
359-35-3	1,1,2,2-tetrafluoroethane (HFC-134)
406-78-0	1,1,2,2-Tetrafluoro-1-(2,2,2-trifluoroethoxy) ethane (HFE-347pcf2)
24270-66-4	1,1,2,3,3-pentafluoropropane (HFC-245ea)
76-13-1	1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
1717-00-6	1,1-dichloro 1-fluoroethane (HCFC-141b)
75-34-3	1,1-difluoroethane (HFC-152a)
76-14-2	1,2-dichloro 1,1,2,2-tetrafluoroethane (CFC-114)
354-23-4	1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
507-55-1	1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)
75-68-3	1-chloro 1,1-difluoroethane (HCFC-142b)
163702-05-4	1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (C ₄ F ₉ OC ₂ H ₅ or HFE-7200)
124-68-5	2-amino-2- methyl-1-propanol (AMP)
163702-08-7	2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF ₃) ₂ CFCF ₂ OCH ₃)
163702-06-5	2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF ₃) ₂ CFCF ₂ OC ₂ H ₅)
754-12-1	2,3,3,3-tetrafluoropropene
2837-89-0	2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124)
422-56-0	3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)
297730-93-9	3-ethoxy- 1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500)
67-64-1	acetone
75-45-6	chlorodifluoromethane (HCFC-22)
593-70-4	chlorofluoromethane (HCFC-31)
76-15-3	chloropentafluoroethane (CFC-115)
692-49-9	<i>cis</i> -1,1,1,4,4,4-hexafluorobut-2-ene (HFO-1336mzz-Z)
0	cyclic, branched, or linear completely methylated siloxanes
75-71-8	dichlorodifluoromethane (CFC-12)
95508-16-0	difluoromethane (HFC-32)
616-38-6	dimethyl carbonate
74-84-0	ethane
95508-16-0	ethylfluoride (HFC-161)
188690-78-0	HCF ₂ OCF ₂ CF ₂ OCF ₂ H (HFE-338pcc13)
1691-17-4	HCF ₂ OCF ₂ H (HFE-134)
188690-77-9	HCF ₂ OCF ₂ OCF ₂ CF ₂ OCF ₂ H (H-Galden 1040x or H-Galden ZT 130 (or 150 or 180))
78522-47-1	HCF ₂ OCF ₂ OCF ₂ H (HFE-236cal2)
72-84-8	methane
79-20-9	methyl acetate
107-33-3	methyl formate (HCOOCH ₃)

CAS NUMBER	COMPOUND NAME
75-09-2	methylene chloride (dichloromethane)
98-56-6	parachlorobenzotrifluoride (PCBTF)
354-33-6	pentafluoroethane (HFC-125)
127-18-4	perchloroethylene (tetrachloroethylene)
108-32-7	propylene carbonate
102687-65-0	<i>trans</i> 1-chloro-3,3,3-trifluoroprop-1-ene (Solstice™ 1233zd(E))
540-88-5	t-Butyl Acetate (TBAC)
29118-24-9	<i>trans</i> -1,3,3,3-tetrafluoropropene
75-69-4	trichlorofluoromethane (CFC-11)
75-46-7	trifluoromethane (HFC-23)
0	perfluorocarbon compounds which 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; and
	(iv) Sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.

3. The following documents are incorporated by reference and are approved for use as directed by the Maricopa County Air Quality Department under the Maricopa County Air Pollution Control Regulations. These documents are incorporated by reference as of the year specified below, and no future editions or amendments.

- a. Section 1 and Section 7 of the Arizona Department of Environmental Quality's (ADEQ) "Arizona Testing Manual for Air Pollutant Emissions," amended as of March 1992, and no future editions or amendments.
- b. The U.S. Government Printing Office's "Standard Industrial Classification Manual, 1987", published by the Executive Office of the President, Office of Management and Budget, and no future editions or amendments.
- c. EPA Publication No. AP-42, 1995, "Compilation of Air Pollutant Emission Factors," Volume I: Stationary Point and Area Sources, Fifth Edition, including Supplements A, B, C, D, E, F, updates as of July 1, ~~2020~~ 2021, and no future editions or amendments.
- d. EPA guidance document "Guidelines for Determining Capture Efficiency", January 9, 1995, and no future editions or amendments.
- e. 2017 US NAICS Manual "North American Industry Classification System, United States, 2017", published by the Executive Office of the President, Office of Management and Budget, and no future editions or amendments.

4. ~~Availability of Information: Incorporated materials are available as listed:~~

- ~~a. Maricopa County Air Quality Department~~
- ~~b. Maricopa County Rules are available electronically at <https://www.maricopa.gov/1951/Adopted-Rules>~~

- e. EPA documents are available electronically at https://www.ecfr.gov/cgi-bin/text-idx?SID=3e92ce0bdd77277b5f6e386319a9b84e&mc=true&tpl=/ecfrbrowse/Title40/40tab_02.tpl
- d. ASTM standards are available from ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428, or from its website at www.astm.org.
- e. The 2017 NAICS Manual is available electronically at https://www.census.gov/eos/www/naics/2017NAICS/2017_NAICS_Manual.pdf