

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; and **Revised 10/23/2019**.

## **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, 2019, 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, 2019, 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 <sub>4</sub> F <sub>9</sub> OCH <sub>3</sub> or HFE-7100)
375-03-1	1,1,1,2,2,3,3-heptafluoro-3-methoxy-propane (n-C <sub>3</sub> F <sub>7</sub> OCH <sub>3</sub> , 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-hexafluoropropane (HFC-236ea)
138495-42-8	1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC 43-10mee)

CAS NUMBER	COMPOUND NAME
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)
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 <sub>4</sub> F <sub>9</sub> OC <sub>2</sub> H <sub>5</sub> 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 <sub>3</sub> ) <sub>2</sub> CF <sub>2</sub> OCH <sub>3</sub> )
163702-06-5	2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF <sub>3</sub> ) <sub>2</sub> CF <sub>2</sub> OC <sub>2</sub> H <sub>5</sub> )
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)

CAS NUMBER	COMPOUND NAME
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 <sub>2</sub> OCF <sub>2</sub> CF <sub>2</sub> OCF <sub>2</sub> H (HFE-338pcc13)
1691-17-4	HCF <sub>2</sub> OCF <sub>2</sub> H (HFE-134)
188690-77-9	HCF <sub>2</sub> OCF <sub>2</sub> OCF <sub>2</sub> CF <sub>2</sub> OCF <sub>2</sub> H (H-Galden 1040x or H-Galden ZT 130 (or 150 or 180))
78522-47-1	HCF <sub>2</sub> OCF <sub>2</sub> OCF <sub>2</sub> H (HFE-236cal2)
72-84-8	methane
79-20-9	methyl acetate
107-33-3	methyl formate (HCOOCH <sub>3</sub> )
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, 2019, 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>
  - c. EPA documents are available electronically at [https://www.ecfr.gov/cgi-bin/text-idx?SID=3e92ce0bdd77277b5f6e386319a9b84e&mc=true&tpl=/ecfrbrowse/Title40/40tab\\_02.tpl](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](http://www.astm.org).
  - e. The 2017 NAICS Manual is available electronically at [https://www.census.gov/eos/www/naics/2017NAICS/2017\\_NAICS\\_Manual.pdf](https://www.census.gov/eos/www/naics/2017NAICS/2017_NAICS_Manual.pdf)