

TITLE 18. ENVIRONMENTAL QUALITY
CHAPTER 2. DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR POLLUTION CONTROL

ARTICLE 2. AMBIENT AIR QUALITY STANDARDS; AREA DESIGNATIONS; CLASSIFICATIONS

Section

R18-2-327. Annual Emissions Inventory Questionnaire and Emissions Statement

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R18-2-327. Annual Emissions Inventory Questionnaire and Emissions Statement

A. Emissions Inventory Questionnaire Requirements

1. Every source subject to permit requirements under this Chapter shall complete and submit to the Director an annual emissions inventory questionnaire as follows: The questionnaire is due by March 31 or 90 days after the Director makes the inventory form available, whichever occurs later, and shall include emission information for the previous calendar year.
 - a. Sources Requiring a Class I Permit under R18-2-302(B)
 - i. Sources requiring a Class I permit under R18-2-302(B) shall complete and submit to the Director an emissions inventory questionnaire no later than June 1 of each year.
 - b. Sources Requiring a Class II Permit under R18-2-302(B)
 - i. Sources requiring a Class II permit under R18-2-302(B) shall complete and submit to the Director an emissions inventory questionnaire no later than June 1 every three (3) years beginning June 1, 2021.
 - ii. At the Director's request, sources requiring a Class II permit under R18-2-302(B) may be required to complete and submit emissions inventory questionnaires in addition to the triennial emissions inventory questionnaire required under subsection (A)(1)(b)(i). The Director shall notify the owner or operator of the source in writing of the decision to require additional emissions inventory questionnaires.
2. These requirements apply whether or not a permit has been issued and whether or not a permit application has been filed.
- B.3. The emissions inventory questionnaire shall be on an electronic or paper form provided by the Director and shall include the following information for the previous calendar year:
 - 1.a. The source's name, description, mailing address, contact person and contact person phone number, and physical address and location, if different than the mailing address.
 - 2.b. Process information for the source, including design capacity, throughput, operations schedule, and emissions control devices, their description and efficiencies.
 - 3.c. The actual quantity of emissions from permitted emission points and fugitive emissions as provided in the permit, including documentation of the method of measurement, calculation, or estimation, determined pursuant to subsection (C), of the following regulated air pollutants:

- a.i. Any single regulated air pollutant in a quantity greater than 1 ton or the amount listed for the pollutant in the definition of “significant” in R18-2-101(131)(a) or (b), whichever is less.
 - b.ii. Any combination of regulated air pollutants in a quantity greater than 2 1/2 tons.
 - d. A certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
4. An amendment to an emissions inventory questionnaire, containing the documentation required by subsection (A)(3), shall be submitted to the Director by any source whenever it discovers or receives notice, within two years of the original submittal, that incorrect or insufficient information was submitted to the Director by a previous emissions inventory questionnaire. If the incorrect or insufficient information resulted in an incorrect annual emissions fee, the Director shall require that additional payment be made or shall apply an amount as a credit to a future annual emissions fee. The submittal of an amendment under this subsection shall not subject the owner or operator to an enforcement action or a civil or criminal penalty if the original submittal of incorrect or insufficient information was not due to willful neglect.
5. The Director may require submittal of supplemental emissions inventory questionnaires for air contaminants pursuant to A.R.S. §§ 49-422, 49-424, and 49-426.03 through 49-426.08.

B. Emissions Statement Requirements

1. Any stationary source located in an ozone nonattainment area that has actual emissions of 25 tons or more of nitrogen oxides (NO_x) or volatile organic compounds (VOCs) during the calendar year shall complete and submit to the Director an emissions statement no later than June 1 of the following year, except as provided in subsection (B)(5).
2. The emissions statement shall be on an electronic or paper form provided by the Director and shall require the following information for the previous calendar year:
- a. The source’s name, description, mailing address, contact person and contact person phone number, and physical address and location, if different than the mailing address.
 - b. Process information for the source, including design capacity, throughput, operations schedule, and emissions control devices, their description and efficiencies.
 - c. Actual emissions of NO_x and VOC including documentation of the method of measurement, calculation, or estimation, determined pursuant to subsection (C).
 - d. A certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
3. If either NO_x or VOC annual emissions are greater than or equal to 25 tons, the other pollutant shall be included in the emissions statement even if less than 25 tons.
4. An amendment to an emissions statement, containing the documentation required by subsection (B)(2), shall be submitted to the Director by any source whenever it discovers or receives notice, within two years

of the original submittal, that incorrect or insufficient information was submitted to the Director by a previous emissions statement. The submittal of an amendment under this subsection shall not subject the owner or operator to an enforcement action or a civil or criminal penalty if the original submittal of incorrect or insufficient information was not due to willful neglect.

5. A source that submits an emissions inventory questionnaire under subsection (A) is exempt from subsection (B) requirements for that submission year.

C. Emissions Estimation Methodology

1. Actual quantities of emissions shall be determined using the following emission factors or data.
 - 1.a. Whenever available, emissions estimates shall either be calculated from continuous emissions monitors certified pursuant to 40 CFR 75, Subpart C and referenced appendices, or data quality assured pursuant to Appendix F of 40 CFR 60.
 - 2.b. When sufficient data pursuant to subsection (C)(1)(a) is not available, emissions estimates shall be calculated from data from source performance tests conducted pursuant to R18-2-312 in the calendar year being reported or, when not available, conducted in the most recent calendar year representing the operating conditions of the year being reported.
 - 3.c. When sufficient data pursuant to subsection (C)(1)(a) or (2)(b) is not available, emissions estimates shall be calculated using emissions factors from EPA Publication No. AP-42 "Compilation of Air Pollutant Emission Factors," Volume I: Stationary Point and Area Sources, Fifth Edition, 1995, U.S. Environmental Protection Agency, Research Triangle Park, NC, including Supplements A through F and all updates published through July 1, 2011 (and no future editions). AP-42 is incorporated by reference and is on file with the Department of Environmental Quality and can be obtained from the Government Printing Office, 732 North Capitol Street, NW, Washington, D.C. 20401, telephone (202) 512-1800, or by downloading the document from the web site for the EPA Clearinghouse for Emission Inventories and Emission Factors.
 - 4.d. When sufficient data pursuant to subsections (C)(1)(a) through (C)(3)(c) is not available, emissions estimates shall be calculated from material balance using engineering knowledge of process.
 - 5.e. When sufficient data pursuant to subsections (C)(1)(a) through (4)(d) is not available, emissions estimates shall be calculated by equivalent methods approved by the Director. The Director shall only approve methods that are demonstrated as accurate and reliable as one of the methods in subsections (C)(1)(a) through (4)(d).
- D.2. Actual quantities of emissions calculated under subsection (C) shall be determined on the basis of actual operating hours, production rates, in-place process control equipment, operational process control data, and types of materials processed, stored, or combusted.
- E. An amendment to an annual emission inventory questionnaire, containing the documentation required by subsection (B)(3), shall be submitted to the Director by any source whenever it discovers or receives notice, within two years of the original submittal, that incorrect or insufficient information was submitted to the Director by a previous

questionnaire. If the incorrect or insufficient information resulted in an incorrect annual emissions fee, the Director shall require that additional payment be made or shall apply an amount as a credit to a future annual emissions fee. The submittal of an amendment under this subsection (shall) not subject the owner or operator to an enforcement action or a civil or criminal penalty if the original submittal of incorrect or insufficient information was due to reasonable cause and not willful neglect.

- F. The Director may require submittal of supplemental emissions inventory questionnaires for air contaminants pursuant to A.R.S. §§ 49-422, 49-424, and 49-426.03 through 49-426.08.