NEBRASKA ADMINISTRATIVE CODE

Title 129 - Nebraska Department of Environmental Quality

Chapter 6 - EMISSIONS REPORTING; WHEN REQUIRED

001 Every source subject to a permit requirement under Chapters 5 or 17 shall complete and submit to the Department an annual emissions inventory, if requested, on forms furnished by or acceptable to the Department by March 31, and shall include emission information for the previous calendar year. This requirement applies whether or not a permit application has been filed or a permit issued. The inventory form shall be certified in accordance with Chapter 7, section 008.

002 The annual emissions inventory form shall include the following information:

002.01 The source's name, description, mailing address, contact person and contact person's phone number, and physical address and location, if different than the mailing address.

002.02 A description of the existing (or proposed) facilities, modifications or operations including all processes employed; normal hours of operation; the nature and amounts of fuel and other materials involved; the probable nature, rate of discharge, and time duration of contaminant emissions; any such other information as is relevant to air pollution control and available or capable of being assembled in the normal course of operation; and, if required by the Director, ambient air quality and meteorological data.

002.03 The actual quantity of emissions, including documentation of the method of measurement, calculation or estimation, of:

002.03A Any single regulated non-hazardous air pollutant in a quantity greater than one ton.

002.03B Any single regulated hazardous air pollutant in a quantity greater than the reporting level listed in Appendix II or Appendix III.

002.03C Any combination of hazardous air pollutants in a quantity greater than 2.5 tons.

003 Except as outlined in section 005 of this chapter, ~~A~~actual emissions as defined in Chapter 1 shall be calculated using~~ one of the following methods~~ the first method from the following list for which the source has data available for that method:~~, as appropriate:~~

~~003.01 Any test method or procedure identified in Chapter 34;~~

~~003.02~~003.01 Continuous emission monitor (CEM) data, provided that:

~~003.02A~~003.01A The CEM operation is, and has been for the reporting period, in compliance with all applicable requirements and applicable requirements under the Act;

~~003.02B~~003.01B The total operating time of the applicable emission unit and the CEM are included in the inventory report; and

003.01C The report includes an explanation of how the emissions were calculated using CEM data~~.~~; and

~~003.02C~~003.01D The CEM data has been certified and quality assured.

~~003.03~~003.02 Any test method or procedure identified in Chapter 34 of Title 129 which provides the most accurate emission calculations available during the period of time over which the emissions resulted. If a test method or procedure is conducted multiple times, the results that produce the most representative emissions of the source must be utilized.

~~003.04~~003.03 ~~Any applicable method identified in the Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources, Fifth Edition;~~ A material mass balance equation using applicable Material Safety Data Sheet (MSDS) information or a manufacturer's guarantee.

~~003.05~~003.04 ~~Any applicable method identified in Factor Information Retrieval System Version 5.0 Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants, EPA-454/R-95-012, August 1995; or~~ A manufacturer/engineering estimate.

003.05 A ~~material mass balance equation.~~method/emission factor identified in the *Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources* or the "WebFIRE" Factor Information Retrieval System".

004 The method utilized for emissions calculations must be the most accurate method available from section 003.01-003.05 of this Chapter. A source may deviate from the emissions calculation methods or order identified in section 003 of this Chapter provided the source submits a written justification for the deviation and the Director approves of the request.~~Except as otherwise provided in 003 above, any other test methods and procedures for use in determining actual emissions must be approved by the Director.~~

005 The Director may require the submittal of supplemental information to verify or otherwise assure the quality of emissions reported.

Enabling Legislation: Neb. Rev. Stat. §§81-1504(1)(2); 81-1505(12)(16)

Legal Citation: Title 129, Ch. 6, Nebraska Department of Environmental Quality