

REGULATION 1.06 Stationary Source Self-Monitoring, Emissions Inventory Development, and Reporting

Air Pollution Control District of Jefferson County Jefferson County, Kentucky

Pursuant To: KRS Chapter 77 Air Pollution Control

Relates To: KRS Chapter 77 Air Pollution Control

Necessity And Function: KRS 77.180 authorizes the Air Pollution Control Board to adopt and enforce all orders, rules, and regulations necessary or proper to accomplish the purposes of KRS Chapter 77. This regulation establishes requirements for stationary source self-monitoring, record-keeping, and reporting.

SECTION 1 Stack Monitoring and Reporting

- 1.1 The District may require the owner or operator of a stationary source to install, operate, and maintain stack gas measuring, emission monitoring, and parametric monitoring equipment, including data storage devices, and periodically report monitoring or real-time monitoring data to the District.
- 1.2 Stack monitoring and reporting requirements for specific types of affected facilities are contained in the applicable regulations.
- 1.3 The District, for cause, may include additional or more stringent requirements in the permit for an individual affected facility than those in the regulation's applicable regulations.

SECTION 2 Ambient Air Monitoring and Reporting

The District may require the owner or operator of a stationary source facility to install, operate, and maintain ambient air monitoring equipment and to periodically submit ambient air monitoring reports to the District.

SECTION 3 Requirements for Emissions Statements

- 3.1 When reporting actual emissions, the owner or operator shall include any increased emissions that result from startups, shutdowns, and upset conditions
- 3.2 Emissions
 shall be calculated using one of the following methods:
 - 3.2.1 An emission factor from the EPA's Emissions Factors and Policy Applications Center (EFPAC), which includes AP-42,
 - 3.2.2 An emission factor or method from the EPA's Emission Inventory Improvement Program (EIIP),
 - 3.2.3 A method in a federally enforceable District regulations,
 - 3.2.4 An emission estimation equation, factor, or method included in an EPA regulation for determining actual emissions,
 - 3.2.5 Stack test or CEMS data,
 - 3.2.6 For a purchased material, information from the Material Safety Data Sheet (MSDS), or
 - 3.2.7 A method proposed by the owner or operator and approved in writing by the District.

- 3.3 Data required in emissions statements shall include the process- or process equipment specific calculations used to determine emissions. The raw data used to calculate the emissions shall be retained by the owner or operator of the stationary source for 5 years and shall be made available to the District upon request. Representative portions of the raw data used to calculate the emissions shall be supplied to the District in support of the emissions statement.
- 3.4 The District may require such additional information be submitted as necessary.
- 3.5 Data required by Sections 4 through 6 shall be submitted on forms provided by the District, or in an alternate format approved by the District.
- 3.6 A stationary source that did not emit an air contaminant required to be reported under Section 4 during an applicable year shall submit a negative declaration in place of the required emission statement.

SECTION 4 Emissions Statements for Criteria Pollutants, HAPS, and Ammonia

- 4.1 All stationary sources shall maintain annual records of actual emissions particulate matter, sulfur dioxide, carbon monoxide, nitrogen dioxide, ozone precursor emissions of volatile organic compounds and oxides of nitrogen, lead, ammonia, and all other hazardous air pollutants (HAPs) listed in Regulation 5.14. Station sources shall retain these records for 5 years.
- 4.2 On or before April 15 of each year, stationary sources subject to Regulation 2.16 shall submit to the District statement of actual emissions of particulate matter, sulfur dioxide, carbon monoxide, nitrogen dioxide, ozone precursor emissions of volatile organic compounds and oxides of nitrogen, lead, ammonia, and all hazardous air pollutants (HAPS) listed in Regulation 5.1.4 for the previous calendar year of operation.
- 4.3 The District may require the owner or operator of any source not subject to section 4.2 to report its actual or potential emissions to the District. The information shall be certified pursuant to Section 6 and returned to the District by the deadline stated in the forms or the letter of transmittal.

SECTION 5 [Not Approved into the SIP]

SECTION 6 Emissions Statements for Ozone Precursors

- 6.1 On or before April 15 of each year, all stationary sources of oxides of nitrogen or volatile organic compounds shall submit to the District a statement of actual emissions of those compounds.
- 6.2 Exemptions from this section:
 - 6.2.1 Facilities with less than 25 tons per year of plant-wide actual volatile organic compounds or oxides of nitrogen emissions are exempted from this requirement, unless emissions of the other are at or above 25 tons per year. The District may require sources claiming this exemption to provide adequate information to verify actual emissions for the previous year.
 - 6.2.2 The District may waive this requirement for sources located in an area designated as attainment or maintenance by U.S. EPA for all National Ambient Air Quality Standards (NAAQS) for ozone.

- 6.3 The emission statements submitted by the source to the District shall contain (at a minimum) all information required by Section 3 of this Regulation. The Emissions Statement submitted under Section 4 may be used to satisfy the requirements of this section.

SECTION 7 Certification by a Responsible Official

Information submitted to the District pursuant to this regulation shall contain a formal certification by a responsible official, as defined in Regulation 1.02, stating:

"Based on information and belief formed after reasonable inquiry, I certify that the statements and information in this document are true, accurate, and complete."

Adopted v1/4-19-72; effective 4-19-72; amended v2/9-1-76, v3/6-13-79, v4/12-17-86, v5/11-18-92, v6/12-15-93 v7/6-21-05 effective 7-1-05, v8/9-21-05, v9/1-19-11, v10/05-20-20.

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