

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

**Louisville Metro Air Pollution Control District
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 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 applicable regulations.

SECTION 2 Ambient Air Monitoring and Reporting

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

SECTION 3 Requirements for Section 4 and Section 5 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 regulation,
 - 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 by Sections 4 and 5 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 Data required by Sections 4 and 5 shall be submitted on forms provided by the District, or in an alternate format approved by the District.
- 3.5 A stationary source that did not emit an air contaminant required to be reported under Section 4 or 5 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 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 5.14. Stationary 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 a 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 5.14 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 Emissions Statements for Toxic Air Contaminants

- 5.1 On or before April 15 of each year, the owner or operator of a stationary source described in section 4.2 shall submit to the District a statement of actual emissions, for the previous calendar year of operation, of toxic air contaminants (TACs) that are:
 - 5.1.1 Listed in Sections 1 - 4 of Regulation 5.23, and
 - 5.1.2 Not reported under Section 4 of this regulation.
- 5.2 In making the report under section 5.1, the owner or operator may exclude emissions from motor vehicle fueling and refueling.

SECTION 6 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 2.16, 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