

## 26.0 MONITORING, RECORDING, AND REPORTING

### 26.1 Installation of Monitoring Equipment

The Director may require the owner or operator of any air contaminant source to install, use, and maintain such monitoring equipment; sample such emissions in accordance with methods as the Director shall prescribe; and make such periodic emission reports as may be required.

### 26.2 Filing of Records and Reports

Records and reports as the Director shall prescribe on air contaminants or the quality or quantity of fuel shall be recorded, compiled, and submitted on forms prescribed by the Department. The procedures below are examples of such requirements:

- A. Emissions of particulate matter, sulfur dioxide, and oxides of nitrogen shall be expressed as follows: in pounds per hour and pounds per million B.T.U. of heat input for fuel-burning equipment; in pounds per hour and pounds per 100 pounds of refuse burned for incinerators, and in pounds per hourly process weight of production rate or in terms of some other easily measured and meaningful process unit specified by the Director.
- B. Sulfur dioxide and oxides of nitrogen emission data shall be averaged over a 24-hour period and shall be summarized monthly. Daily averages and monthly summaries shall be submitted to the Director semi-annually. Data shall be calculated daily and available for inspection at any time.
- C. Particulate matter emissions shall be sampled and analytical data submitted semi-annually.
- D. Visible emissions shall be monitored continuously and records kept indicating total minutes per day in which emissions occur.
- E. The sulfur content of fuels, as burned, except natural gas, shall be determined in accordance with current, recognized ASTM procedures. Daily and monthly averages shall be available for inspection.

### 26.3 Filing of Emission Data and Registration

It shall be the responsibility of persons operating air contaminant sources to obtain from the Department any necessary forms for the filing of any required information such as, but not limited to, permits, registration, emission data, or any other forms.

- A. The person responsible for any air contaminant source in existence on October 1, 1969, shall within one (1) year of that date, or at such time as requested, have filed

with the Director information as would be needed or useful in evaluating the potential of the source for causing air pollution.

- B. The following information may be included for each source: total weight of the contaminant released per day; period or periods of operation; composition of the contaminant; physical state of the contaminant; temperature and moisture content of the air or gas stream at the point where released into the atmosphere, and such other information as may be specifically requested by the Department.
- C. Where an air or gas cleaning device is incorporated in the air or gas stream preceding discharge to the atmosphere, the weight of material removed by the cleaning device, as well as the weight emitted, shall be stated.

#### 26.4 Sampling Required - Establishment of Air Contaminant Emission Levels

##### A. New Facilities

- 1. There shall be provided for any stack or duct adequate sampling facilities as follows:
  - a. Sampling ports of a size, number, and location as the Director may require.
  - b. Safe access to each port.
  - c. Such other sampling and testing facilities as the Director may require.
- 2. The director may at his discretion require the applicant for an operating permit to conduct or have conducted such tests as are necessary to establish the amount of air contaminants emitted from such equipment or control apparatus. Such tests shall be made at the expense of the applicant and shall be conducted in a manner approved by the Director. The Director may require that such tests be conducted in the presence of his representative.

##### B. Existing Facilities

- 1. Whenever the Director has reason to believe that the emission limits of the regulations set forth herein are being violated, he may require the person to conduct or have conducted at the person's expense, tests to determine the emission level of specific air contaminants. The director may require that such tests be conducted in the presence of his representative.
- 2. The Director may conduct tests of air contaminant emissions from any source. Upon request of the Director, the person responsible for the source to be tested shall provide, at no expense to the Director, reasonable and necessary openings in stacks, vents, and ducts, along with safe and easy access thereto including a

suitable power source to the point of testing for proper determination of the level of air contaminant emissions.

### 3. Periodic Testing Required

The Director may require the person responsible for the air contaminant source, as a condition of his operating permit, to conduct or have conducted periodic tests to establish the amount of air contaminants emitted. The nature, extent, and frequency of such required testing shall be specified in the operating permit. Such tests shall be made at the expense of the person and shall be conducted in a manner approved by the Director. The Director shall be supplied with such data as stipulated in the operating permit.

## 26.5 Monitoring, Recording, and Reporting of Source Emissions

### A. Monitoring of Emissions

The Director may require the person responsible for any air contaminant source discharging air contaminants at the expense of the person, to install, use, and maintain such monitoring equipment as the Director shall prescribe; sample such emissions in accordance with methods as the Director shall prescribe; establish and maintain such records; and make periodic emission reports as required.

Each person responsible for any air contaminant source shall, as prescribed by the Director, monitor and report on specified air contaminants, develop and submit a detailed monitoring program, and order and install sampling equipment within the following time schedule:

1. Within 60 days after designation by the Director of those air contaminants to be monitored, the person responsible for the air contaminants source shall submit a detailed monitoring program for approval by the Director.
2. Within 30 days after the monitoring program has been approved in writing by the Director, sampling and monitoring equipment shall be ordered.
3. Within 90 days after delivery of the equipment, the person responsible for the air contaminant source shall place said equipment in effective operation in accordance with its approved monitoring program.

### B. Recording and Reporting

Records and reports as the Director shall prescribe on air contaminant emissions, ambient air concentrations, or fuel analysis shall be recorded, compiled, and submitted in a format prescribed by the Director. Sources shall keep records needed to assess compliance for the time frame specified in any applicable regulation.

Sources subject to Section 46.0 will meet the applicable provisions of Sections 46.19 and 46.20.

C. Emissions Statement

1. Owners and operators of sources with actual emissions greater than 25 tons per year of nitrogen oxides or volatile organic compounds shall provide an annual report as prescribed by the Director.
2. For 2015, this report shall be submitted to the Department before June 15 of the year following the calendar year for which the information and data is reported. Each report shall be signed by an official of the company, certifying that the information and data contained in the report is accurate to the best knowledge of the individual certifying the report.
3. After 2015, this report shall be submitted to the Department before March 31 of the year following the calendar year for which the information and data is reported. Each report shall be signed by an official of the company, certifying that the information and data contained in the report is accurate to the best knowledge of the individual certifying the report

26.6 Enhanced Monitoring Compliance Certification and Enforcement

A. Compliance Certifications

Notwithstanding any other provision in the Knox County Implementation Plan approved by the Administrator of the EPA, for the purpose of submission of compliance certifications, an owner or operator is not prohibited from using enhanced monitoring as required under 40 CFR 70.6(a)(3) and incorporated into a federally enforceable operating permit, in addition to any specified compliance.

B. Enforcement

Notwithstanding any other provision in the Knox County Implementation Plan approved by the Administrator of the EPA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any such plan.

1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at the source:
  - a. Monitoring as required under 40 CFR 70.6(a)(3) and incorporated in a federally enforceable operating permit.
  - b. Compliance methods specified in the applicable Implementation Plan.

2. The following testing, monitoring, or information-gathering methods are presumptively credible testing, monitoring, or information-gathering methods.
  - a. Any federally enforceable monitoring or testing methods, including those in 40 CFR, Parts 51, 60, 61, and 75.
  - b. Other testing, monitoring, or information-gathering methods that produce information comparable to that produced by any method in Section 26.6-B.1 or 26.6-B.2 above.