

## **REGULATION 6.11 Standards of Performance for Existing Iron and Steel Plants**

### **Air Pollution Control District of Jefferson County Jefferson County, Kentucky**

**Relates To:** KRS Chapter 77 Air Pollution Control

**Pursuant To:** KRS Chapter 77 Air Pollution Control

**Necessity and Function:** KRS 77.180 provides that the Air Pollution Control Board may make and enforce all needful orders, rules, and regulations necessary or proper to accomplish the purposes of KRS Chapter 77. This regulation provides for the control of emissions from existing iron and steel plants.

#### **SECTION 1 Applicability**

This section applies to each basic oxygen process furnace or grey iron cupola and associated metallurgical and dust handling equipment that was in being or had a construction permit issued by the District on or before the effective date of this regulation.

#### **SECTION 2 Definitions**

Terms used in this regulation not defined herein shall have the meaning given them in Regulation 1.02.

- 2.1 "Basic Oxygen Process Furnace" (BOPF) means any furnace producing steel by charging scrap steel, hot metal, and flux materials into a vessel and introducing a high volume of oxygen-rich gas.
- 2.2 "Steel Production Cycle" means the operations required to produce each batch of steel and includes the following major functions: scrap charging preheating (when used), hot metal charging, primary oxygen blowing, additional oxygen blowing (when used), and tapping.

#### **SECTION 3 Standard for Particulate Matter**

No owner or operator subject to this regulation shall cause the emission of particulate matter in excess of .048 grains per dry standard cubic foot or exceed 20% opacity.

#### **SECTION 4 Standard for Carbon Monoxide**

No owner or operator subject to this section shall emit the carbon monoxide gases generated during the operation of any grey iron cupola, blast furnace, or basic oxygen steel furnace unless the gases pass through a chamber containing a continuously burning pilot light.

Adopted v1/4-19-72; effective 4-19-72; amended v2/7-14-76.