

## **REGULATION 6.14 Standard of Performance for Selected Existing Petroleum Refining Processes and Equipment**

### **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 control of emissions from existing petroleum refining process and equipment.

#### **SECTION 1 Applicability**

This regulation applies to each affected facility which was in being or had a construction permit issued by the District 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 "Affected facility" means vacuum producing systems and process unit turnarounds associated with a petroleum refinery.
- 2.2 "Process unit turnaround" means the shutting down, depressurization, and purging of a process unit or vessel.
- 2.3 "Vacuum producing systems" means equipment which produces a partial vacuum in a vessel.

#### **SECTION 3 Standard of Hydrocarbons**

The owner or operator of an affected facility shall install, operate, and maintain all equipment necessary to accomplish the following:

- 3.1 Vacuum producing systems. All gaseous hydrocarbons emitted from condensers, hot wells, vacuum pumps, and accumulators shall be collected and vented to a firebox, flare, or other control device of equivalent efficiency as determined by the District.
- 3.2 Process unit turnaround. The gaseous hydrocarbons purged from a process unit or vessel shall be vented to a firebox, flare, or other control device of equivalent efficiency as determined by the District until the pressure in the process unit is less than five psig.

#### **SECTION 4 Monitoring and Reporting Requirements**

- 4.1 The owner or operator shall:
  - 4.1.1 Keep a record of each process unit turnaround,
  - 4.1.2 Record the approximate hydrocarbon concentration when the hydrocarbons were first discharged to the atmosphere,
  - 4.1.3 Record the approximate total quantity of hydrocarbons emitted to the atmosphere, and
  - 4.1.4 Retain these records for at least two years and submit them to the District upon request.

**SECTION 5 Compliance Time Table**

The owner or operator of an affected facility shall be required to complete the following:

- 5.1 Submit a final control plan for achieving compliance with this regulation no later than September 1, 1979.
- 5.2 Award the control device contract no later than December 1, 1979.
- 5.3 Initiate on-site construction or installation of emissions control equipment no later than July 1, 1980.
- 5.4 On-site construction or installation of emission control equipment shall be completed no later than February 1, 1981.
- 5.5 Final compliance shall be achieved no later than May 1, 1981.

Adopted v1/4-19-72; effective 4-19-72; amended v2/9-1-76, v3/6-13-79, v4/5-20-81, v5/4-21-82.

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