

Title 26
DEPARTMENT OF THE ENVIRONMENT

Subtitle 11 AIR QUALITY

Chapter 06 General Emission Standards, Prohibitions, and Restrictions

.04 Carbon Monoxide in Areas III and IV.

A. Applicability and Exceptions.

(1) This regulation is applicable only in Areas III and IV.

(2) This regulation applies to any person who owns or operates any installation that discharges carbon monoxide gas at a rate exceeding 500 pounds (227 kilograms) per day and at a concentration exceeding 12 percent by volume.

(3) This regulation does not apply to any person who owns or operates:

(a) Coking process equipment used directly in the manufacture of metallurgical coke by the pyrolysis of coal in the absence of air;

(b) Process equipment subject to COMAR 26.11.11.04B; or

(c) Installations subject to COMAR 26.11.10.06.

(4) A person is exempt from the requirements of this regulation if he demonstrates to the satisfaction of the Department that the:

(a) Gas mixture containing the carbon monoxide will not support combustion due to the presence of noncombustible gases; and

(b) Carbon monoxide emissions will not cause or contribute to a violation of the National Ambient Air Quality Standard or Prevention of Significant Deterioration requirement for carbon monoxide.

B. General Requirements.

(1) A person may not cause or permit the discharge of carbon monoxide gas into the atmosphere from any installation unless it is burned in a direct flame afterburner with excess oxygen for at least 0.3 seconds at a temperature of at least 1,300 deg F.

(2) The direct flame afterburner shall be equipped with a properly functioning recording pyrometer located and positioned in the work area so that it is readily visible to the operator of the installation.