

ARTICLE 3: SOURCE-SPECIFIC EMISSION STANDARDS

SECTION 3.07 ETHYLENE OXIDE STERILIZERS AND AERATORS

Adopted 01/09/92 (715)

- (a) The provisions of this rule do not apply if the facility-wide usage of ethylene oxide is less than 11 kilograms (25 pounds per year).
- (b) It shall be unlawful for any person to cause or allow the emission of ethylene oxide from the operation of any sterilizer or aerator unless ethylene oxide emissions from each device meet the following control efficiencies:

Facility-Wide Usage of Ethylene Oxide kg/yr (<i>lbs/yr</i>)	Exhaust Streams to be Controlled	Control Efficiency (%)
≥ 11 and ≤ 272 (≥ 25 and ≤ 600)	Sterilizer Aerator	99.0 90.0
> 272 and $\leq 2,270$ (> 600 and $\leq 5,000$)	Sterilizer Aerator	99.9 95.0
$> 2,270$ ($> 5,000$)	Sterilizer Aerator	99.9 99.0

- (c) It shall be unlawful for any person to cause or allow the operation of an ethylene oxide sterilizer or aerator unless the maximum concentration of ethylene oxide is less than 10 ppm as measured 1 centimeter away from any portion of the equipment other than the exhaust.
- (d) It shall be unlawful for any person to cause or allow the discharge of ethylene oxide in the sterilizer exhaust vacuum pump working fluid to the wastewater stream.
- (e) Annual source tests shall be conducted in accordance with Section 3.07 of Regulation I to verify compliance with the requirements in this section.
- (f) The provisions of this section shall be met on the following schedule:
 - (1) Submit Notice of Construction by July 1, 1992; and
 - (2) Submit Progress Report by July 1, 1993; and
 - (3) Achieve Final Compliance by July 1, 1994.