

Title 26

DEPARTMENT OF THE ENVIRONMENT

Subtitle 11 AIR QUALITY

**Chapter 19 Volatile Organic Compounds from Specific Processes**

**.25 Control of Volatile Organic Compounds From Explosives and Propellant Manufacturing.**

A. Applicability.

(1) This regulation applies to a person who owns or operates existing equipment at a premises that has a potential to emit 25 tons or more of VOC per year from all explosives and propellant manufacturing equipment at the premises.

(2) Section C(2) of this regulation applies to a person who constructs, owns, or operates new equipment that has or will have total actual VOC emissions of 50 pounds or more per day.

B. Definitions. In this regulation, the following terms have the meaning indicated:

(1) "Existing equipment" means explosives and propellant manufacturing equipment placed in operation before January 1, 1991.

(2) "Explosives and propellant manufacturing equipment" means process equipment used to preheat, grind, mix, blend, cure, dry, cut, press, extrude, or cast materials to produce energetic materials such as rocket fuels and gun propellants.

(3) "New equipment" means explosives and propellant manufacturing equipment placed in operation on or after January 1, 1991.

(4) "Nitramine propellant manufacturing equipment" means explosives and propellant manufacturing equipment used to mix, blend, dry, cut, press, or otherwise manufacture nitramine-based propellants such as low vulnerability ammunition.

C. General Requirements.

(1) A person who owns or operates existing explosives and propellant manufacturing equipment subject to this regulation shall:

(a) Install a VOC control device, having a VOC destruction or removal efficiency of 85 percent or more overall, on all active nitramine propellant mixing equipment that has a capacity of 150 gallons or more;

(b) Prepare and submit for approval by the Department by not later than September 1, 1997, a good operating practices manual that when implemented will minimize VOC emissions from all other existing explosive, propellant, and nitramine propellant manufacturing equipment; and

(c) Implement the good operating practices within 30 days after approval by the Department.

(2) A person who constructs, owns, or operates new equipment subject to this regulation shall reduce emissions from the new equipment by 85 percent or more, overall.

D. Reporting and Testing Requirements. A person subject to this regulation shall:

(1) By not later than October 1, 1997, submit to the Department:

(a) A VOC emissions inventory for calendar year 1990 and for each subsequent year through calendar year 1996 for all explosives and propellant manufacturing equipment at the premises, and

(b) A complete permit to construct application for the control device required in §C(1)(a) of this regulation;

(2) Not later than 90 days after the control device required in §C(1)(a) of this regulation has been installed, perform a stack test to demonstrate compliance with the requirements of §C of this regulation; and

(3) Submit to the Department a stack test report within 60 days after completing the test.