

## REGULATION NO. 24

### CONTROL OF VOLATILE ORGANIC COMPOUND EMISSIONS

#### **Section 26 - Gasoline Dispensing Facility** **Stage I Vapor Recovery**

[State effective date: 1/11/02]

a. Applicability.

1. This Section applies to any stationary gasoline storage tank located at any gasoline dispensing facility in the State of Delaware, except:
  - i. The following storage tanks shall be subject only to the requirements of paragraph (c)(1)(i) of this Section:
    - A. Any stationary gasoline storage tank that is equipped with a floating roof or its equivalent that has been approved by the Administrator of the U.S. EPA as part of a State Implementation Plan (SIP) or Federal Implementation Plan (FIP) revision.
    - B. Any stationary gasoline storage tank with a capacity of less than 550 gallons [gal] used exclusively for the fueling of farm equipment.
    - C. Any stationary gasoline storage tank with a capacity of less than 2,000 gal that was constructed prior to January 1, 1979.
    - D. Any stationary gasoline storage tank with a capacity of less than 250 gal that was constructed after December 31, 1978.
  - ii. The storage tank(s) at any gasoline dispensing facility, which never has a throughput of greater than 10,000 gallons of gasoline, shall be subject only to the requirements of paragraphs (c)(1)(i) and (d) of this Section. The storage tank(s) at any gasoline dispensing facility that ever exceeds this applicability threshold shall be subject to all of the requirements of this Section, and shall remain subject to these requirements even if its throughput later falls below the exemption throughput.
2. The requirements of this Section are in addition to all other State and Federal requirements, to include the permitting requirements of Regulation No. 2 of the State of Delaware "Regulations Governing the Control of Air Pollution". Any gasoline dispensing facility that is currently subject to any state or federal rule promulgated pursuant to the Clean Air Act Amendments of 1977 by exceeding an applicability threshold is and shall remain subject to those provisions.

### 3. Compliance Schedule

Any stationary gasoline storage tank subject to the requirements of this Section shall be in compliance as follows:

- i. Storage tanks located at any facility that first commences operations:
  - A. Before November 15, 1990 and having any throughput of at least 100,000 gallons: no later than November 15, 1993.
  - B. Before November 15, 1990 and having any throughput of greater than 10,000 gallons but less than 100,000 gallons: no later than November 15, 1994.
  - C. On or after November 15, 1990 and before May 15, 1993: no later than May 15, 1993.
  - D. On or after May 15, 1993: upon commencement of operations.

The requirements of paragraph(c)(1)(ii)(E) are effective on and after May 1, 2003.

#### b. Reserved.

#### c. Standards.

1. The owner and/or operator of any stationary storage tank that is subject to the requirements of this Section shall:
  - i. Load the stationary gasoline storage tank(s) by submerged fill using a drop tube that extends to within 150 mm (5.9 in.) from the bottom of the tank.
  - ii. Design, install, operate, and maintain a Stage I Vapor Recovery System that operates such that the vapors displaced by the liquid gasoline are returned to the delivery vessel and transported back to the bulk plant or terminal.
    - A. All hoses in the Stage I Vapor Recovery system shall be properly connected.
    - B. All vapor lines, couplers, and adapters used in the gasoline delivery shall be vapor-tight.
    - C. All adapters and couplers that attach to any vapor line on the storage vessel shall have closures that seal upon disconnect.

- D. Reserved.
  - E. All Stage I systems shall utilize dual point vapor connections to return vapors from the storage tank to the delivery truck.
2. The filling of storage tanks subject to the requirements of this Section shall be limited to unloading by vapor-tight gasoline tank trucks or delivery trucks which:
- i. meet all of the requirements of Section 27 of this regulation; and
  - ii. are equipped with vapor return equipment that is compatible with the Stage I Vapor Recovery System installed on the storage tank.
- d. Recordkeeping. The owner and/or operator of any stationary gasoline storage tank exempted from the requirements of this Section pursuant to paragraph (a)(1)(ii) of this section shall keep on the facility premises and in a form acceptable to the Department, records showing monthly throughput. These records shall be retained for at least 5 years from the date of record, and shall be made immediately available to the Department upon request.
- e. Reporting. The owner and/or operator of any facility containing sources subject to this Section shall comply with the requirements of Section 5 of this regulation.