

AGENCY OF NATURAL RESOURCES

Waterbury, Vermont

ENVIRONMENTAL PROTECTION REGULATIONS

CHAPTER 5

AIR POLLUTION CONTROL

Subchapter II. Prohibitions

Subsection 5-253.5 Stage I Vapor Recovery Controls at Gasoline Dispensing Facilities

(a) Applicability.

- (1) This subsection shall apply to all gasoline dispensing facilities and the appurtenant equipment necessary to a gasoline dispensing facility.
- (2) The following gasoline dispensing facilities are exempt from the provisions of this subsection except that submerged fill shall be used to fill gasoline storage tanks:
 - (i) Gasoline dispensing facilities which receive deliveries from account trucks only; and
 - (ii) The owner or operator of a gasoline storage tank with a capacity of less than 550 gallons that is used specifically for the fueling of implements of husbandry.

(b) Definitions. For the purpose of this subsection, the following definitions apply, in addition to those of Section 5-101 of this chapter:

"Account truck" means a delivery truck with a capacity of less than 4,000 gallons which delivers gasoline to businesses, retail outlets and farms.

"Stage I vapor recovery system" means a system in which gasoline vapors are forced from the storage tank into a vapor-tight gasoline tank truck or vapor collection and control system through direct displacement by the gasoline loaded into the storage tank.

- (c) Standards.
- (1) The owner or operator of a gasoline dispensing facility which receives deliveries of gasoline into gasoline storage tanks from a gasoline tank truck shall install, operate and maintain a Stage I vapor recovery system and the filling of tanks shall be by submerged fill only.
 - (2) During the transfer of gasoline from the gasoline tank truck to the storage tank, the owner or operator of a gasoline tank truck delivering gasoline to a gasoline dispensing facility subject to this subsection shall ensure that:
 - (i) All hoses in the vapor balance system are properly connected;
 - (ii) All vapor lines on the gasoline storage tank are equipped with closures that seal upon disconnect;
 - (iii) All vapor return hoses, couplers and adapters used in the gasoline delivery are vapor-tight;
 - (iv) All vapor return equipment on the gasoline tank truck is compatible with the Stage I vapor recovery system installed on the gasoline storage tank;
 - (v) All hatches on the gasoline tank truck are closed and securely fastened; and
 - (vi) The filling of gasoline storage tanks at gasoline dispensing facilities is limited to unloading by vapor-tight gasoline tank trucks. Documentation that the gasoline tank truck is a vapor tight gasoline tank truck shall be carried on the tank truck. This documentation shall include test results of the pressure and vacuum tests.
- (d) Inspection requirements. Owners or operators of gasoline dispensing facilities subject to this subsection shall inspect the Stage I vapor recovery system for visible liquid leaks, and repair and replace any worn or ineffective component or element immediately to ensure the vapor-tight integrity and efficiency of the Stage I vapor recovery system.
- (e) Record keeping. The owners or operators of gasoline dispensing facilities subject to this subsection shall keep written monthly records showing the quantity of all gasoline delivered to the site for a minimum of three years. These records shall be available during normal business hours and copies shall be provided to the Air Pollution Control Officer upon request.
- (f) Compliance schedule.

- (1) Gasoline dispensing facilities with an annual throughput of 500,000 gallons or greater shall comply with this subsection on or before January 1, 1994;
- (2) Gasoline dispensing facilities with an annual throughput of less than 500,000 but of 120,000 gallons or greater, shall comply with this subsection on or before May 31, 1995; and
- (2) Gasoline dispensing facilities with an annual throughput of less than 120,000 gallons shall comply with this subsection by January 1, 1997.