stationary storage tank at a gasoline dispensing facility if:

1) The tank is equipped with a floating roof or other system of equal or better emission control as approved by the Agency;

2) The tank has a capacity of less than 2000 gallons and is in place and operating before January 1, 1979;

3) The tank has a capacity of less than 575 gallons; or

4) The tank is not located in any of the following counties: Boone, Cook, DuPage, Kane, Lake, Madison, McHenry, Peoria, Rock Island, St. Clair, Tazewell, Will or Winnebago.

c) Subject to subsection (b), each owner of a gasoline dispensing facility shall:

1) Install all control systems and make all process modifications required by subsection (a);

2) Provide instructions to the operator of the gasoline dispensing facility describing necessary maintenance operations and procedures for prompt notification of the owner in case of any malfunction of a vapor control system; and

3) Repair, replace or modify any worn out or malfunctioning component or element of design.

d) Subject to subsection (b), each operator of a gasoline dispensing facility shall:

1) Maintain and operate each vapor control system in accordance with the owner's instructions;

2) Promptly notify the owner of any scheduled maintenance or malfunction requiring replacment or repair of a major component of a vapor control system;

3) Maintain gauges, meters or other specified testing devices in proper working order;

4) Operate the vapor collection system and delivery vessel unloading points in a manner that prevents:

A) A reading equal to or greater than 100 percent of the lower explosive limit (LEL measured as propane) when tested in accordance with the procedure described in EPA 450/2-78-051 Appendix B, and

B) Avoidable leaks of liquid during the filling of storage tanks; and

5) Within 15 business days after discovery of the leak by the owner, operator, or the Agency, repair and retest a vapor collection system which exceeds the limits of subsection (d)(4)(A).

e) Gasoline dispensing facilities were required to take certain actions to achieve compliance which are summarized in Appendix C.

(Source: Amended in R85-21(A) at 11 Ill. Reg. 11770, effective June 29, 1987)

Section 215.584 Gasoline Delivery Vessels

a) Any delivery vessel equipped for vapor control by use of vapor collection equipment:

1) Shall have a vapor space connection that is equipped with fittings which are vapor tight;

2) Shall have its hatches closed at all times during loading or unloading operations, unless a top loading vapor recovery system is used;

3) Shall not internally exceed a gauge pressure of 18 inches of water or a vacuum of 6 inches of water;

4) Shall be designed and maintained to be vapor tight at all times during normal operations;

5) Shall not be refilled in Illinois at other than:

A) A bulk gasoline terminal that complies with the requirements of Section 215.582 or

B) A bulk gasoline plant that complies with the requirements of Section 215.581(b)(1) and (2).

6) Shall be tested annually in accordance with the pressure-vacuum test procedure described in EPA 450/2-78-051 Appendix A. Each vessel must be repaired and retested within 15 business days after discovery of the leak by the owner, operator, or the Agency, when it fails to sustain:

A) A pressure drop of no more than three inches of water in five minutes; and

B) A vacuum drop of no more than three inches of water in five minutes.

b) Any delivery vessel meeting the requirements of Subsection (a) shall have a sticker affixed to the tank adjacent to the tank manufacturer's data plate which contains the tester's name, the tank identification number and the date of the test. The sticker shall be in a form prescribed by the Agency, and shall be displayed no later than December 11, 1987.

c) The owner or operator of a delivery vessel shall: