

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

PART 7. EMISSIONS AND PROHIBITIONS—NEW SOURCES OF VOLATILE ORGANIC COMPOUND EMISSIONS

R 336.1705 Loading gasoline into delivery vessels at new loading facilities handling less than 5,000,000 gallons per year.

Rule 705. (1) It is unlawful for a person to load, or allow the loading of, gasoline from a stationary vessel into any delivery vessel at a new loading facility that has a throughput of less than 5,000,000 gallons per year, unless the delivery vessel is filled by a submerged fill pipe.

(1) It is unlawful for a person to load, or allow the loading of, gasoline from a stationary vessel into any delivery vessel located at either of the following loading facilities that has a throughput of less than 5,000,000 gallons per year, unless the delivery vessel is controlled by a vapor balance system or an equivalent control system approved by the department:

(a) A new loading facility located in any area listed in table 61.

(b) A new loading facility located in any area which is not listed in table 61 that delivers gasoline to a gasoline-dispensing facility subject to R 336.1606 (3) and (4) or R 336.1703(2) and (3).

The vapor balance system shall capture displaced gasoline vapor and air by means of a vaportight collection line and shall be designed to return not less than 90%, by weight, of the displaced gasoline vapor from the delivery vessel to the stationary vessel.

(3) Any delivery vessel that is loaded at a facility subject to subrule (2) of this rule shall be equipped, maintained, or controlled with all of the following:

(a) An interlocking system or procedure to ensure that the vaportight collection line is connected before any gasoline can be loaded.

(b) A device to ensure that the vaportight collection line shall close upon disconnection so as to prevent the release of gasoline vapor.

(c) A device or procedure to accomplish complete drainage before the loading device is disconnected, or a device or procedure to prevent liquid drainage from the loading device when not in use.

(d) Pressure-vacuum relief valves that are vaportight and set to prevent the emission of displaced gasoline vapor during the loading of the delivery vessel, except under emergency conditions.

(e) Hatch openings that are kept closed and vaportight during the loading of the delivery vessel.

(4) Any stationary vessel at a facility subject to subrule (2) of this rule shall be vaportight.

(5) A person who is responsible for the operation of all control measures required by this rule shall develop written procedures for the operation of all the control measures. The procedures shall be posted in an accessible, conspicuous location near the loading device.

History: 1979 ACS 1, Eff. Jan. 19, 1980; 1989 MR 4, Eff. Apr. 20, 1989; 2002 MR 5, Eff. Mar. 19, 2002.