

7151.5200 TANK AND PIPING STANDARDS.

Subpart 1. **Tank and piping design standards.** New tanks and the related appurtenances must be designed and constructed in accordance with the applicable standards under part 7151.2100, subpart 2.

Subp. 2. **Underground storage tanks.** Tanks designed and constructed for service as underground storage tanks must not be used for aboveground storage.

Subp. 3. **Used aboveground storage tanks.**

A. Except as provided in item C, an aboveground storage tank that has been removed from a facility must not be reinstalled at a second facility for the purpose of substance storage unless:

(1) the tank is determined to be sound by one of the following leak test methods:

- (a) tracer gas test;
- (b) vacuum test;
- (c) air pressure test; or
- (d) hydrostatic test; and

(2) the area of secondary containment at the new location which is directly under the tank is designed and constructed to provide for the detection of a release of a stored substance before the release permeates through the containment. Methods of leak detection include:

(a) visual monitoring of elevated tanks as specified in part 7151.7200, subpart 4;

(b) interstitial monitoring between the tank's inner and outer shell or the tank's shell and the containment area; or

(c) vapor monitoring in the soil directly under the tank bottom or perimeter and above the water table.

B. Except as provided in item C, a tank that has been lifted or moved within a facility must not be reinstalled for the purpose of substance storage unless:

(1) the tank is determined to be structurally sound through:

(a) thorough internal and external cleaning, degassing, and inspection;

or

(b) a leak test is conducted pursuant to item A, subitem (1); and

(2) the area of secondary containment which is directly under a tank is designed and constructed to provide for the detection of a release of a stored substance.

C. The following are exempt from the requirements of this subpart:

(1) portable tanks which are mounted on wheel carriages, which have legs cast into the construction, or which are mounted on forklift skids; and

(2) double-walled tanks.

Statutory Authority: *MS s 115.03*

History: *23 SR 883; 25 SR 556*

Published Electronically: *October 2, 2007*