

3717-1-05.2 **Mobile water tanks.**

(A) Materials - approved.

Materials that are used in the construction of mobile water tanks, and appurtenances shall be:

- (1) Safe;
- (2) Durable, corrosion-resistant, and nonabsorbent;
- (3) Finished to have a smooth, easily cleanable surface; and
- (4) Constructed of materials that meet NSF standard 61 or the equivalent.

(B) Enclosed system and sloped to drain.

A mobile water tank shall be:

- (1) Enclosed from the filling inlet to the discharge outlet; and
- (2) Sloped to an outlet that allows complete drainage of the tank.

(C) Inspection and cleaning port - protected and secured.

If a water tank is designed with an access port for inspection and cleaning, the opening shall be in the top of the tank and:

- (1) Flanged upward at least one-half inch (thirteen millimeters); and
- (2) Equipped with a port cover assembly that is:
 - (a) Provided with a gasket and a device for securing the cover in place, and
 - (b) Flanged to overlap the opening and sloped to drain.

(D) "V" type threads - use limitation.

A fitting with "V" type threads on a water tank inlet or outlet shall be allowed only when a hose is permanently attached.

(E) Tank vent - protected.

If provided, a water tank vent shall terminate in a downward direction and shall be covered with:

- (1) Sixteen mesh to one inch (sixteen mesh to 25.4 millimeters) screen or equivalent when the vent is in a protected area; or
- (2) A protective filter when the vent is in an area that is not protected from windblown dirt and debris.

(F) Inlet and outlet - sloped to drain.

- (1) A water tank and its inlet and outlet shall be sloped to drain.
- (2) A water tank inlet shall be positioned so that it is protected from contaminants such as waste discharge, road dust, oil, or grease.

(G) Hose - construction and identification.

A hose used for conveying drinking water from a water tank shall be:

- (1) Safe;
- (2) Durable, corrosion-resistant, and nonabsorbent;
- (3) Resistant to pitting, chipping, crazing, scratching, scoring, distortion, and decomposition;
- (4) Finished with a smooth interior surface;
- (5) Clearly and durably identified as to its use if not permanently attached; and
- (6) Constructed of materials that meet NSF standard 61 or the equivalent.

(H) Filter - compressed air.

A filter that does not pass oil or oil vapors shall be installed in the air supply line between the compressor and drinking water system when compressed air is used to pressurize the water tank system.

(I) Protective cover or device.

A cap and keeper chain, closed cabinet, closed storage tube, or other approved protective cover or device shall be provided for a water inlet, outlet, and hose.

(J) Mobile water tank inlet - construction.

A mobile food service operation's or a mobile retail food establishment's water tank inlet shall be:

- (1) Three-fourths inch (19.1 millimeters) in inner diameter or less; and
- (2) Provided with a hose connection of a size or type that will prevent its use for any other service.

(K) System flushing and disinfection.

A water tank, pump, and hoses shall be flushed and disinfected according to the procedure in rule 3701-28-17 of the Administrative Code before being placed in service and after construction, repair, modification, and periods of nonuse.

(L) Using a pump and hoses - backflow prevention.

A person shall operate a water tank, pump, and hoses so that backflow and other contamination of the water supply are prevented.

(M) Protecting inlet, outlet, and hose fitting.

If not in use, a water tank and hose inlet and outlet fitting shall be protected using a cover or device as specified under paragraph (I) of this rule.

(N) Tank, pump, and hoses - dedication.

A water tank, pump, or hose used for conveying drinking water shall be used for no other purpose. This paragraph does not prohibit water tanks, pumps, and hoses approved for liquid foods to be used to convey drinking water if they are cleaned and sanitized before being used to convey water.

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