

**1505.3070 LOADING AREAS.**

Subpart 1. **Containment for liquid bulk pesticide loading sites.** An area used for the loading of liquid bulk pesticide into fixed storage containers, mobile containers, or pesticide application equipment at a bulk pesticide storage facility must be provided with a means of containment that is elevated above the surrounding area, constructed of reinforced concrete or other commissioner-approved material, and designed and constructed for the intended purpose. The means of containment must not contain a drain and must comply with either item A or B.

A. A curbed loading area without a sediment trap must comply with subitems (1) and (2).

(1) The perimeter of the area must be curbed a minimum of three inches in height to prevent runoff and the curbed surface must form a liquid-tight containment area.

(2) The curbed surface and containment area must contain a minimum of 1,000 U.S. gallons.

B. A sloped surface that contains a sediment trap must comply with subitems (1) to (3).

(1) The perimeter of the area must be curbed three inches in height to prevent runoff and must form a liquid-tight containment area.

(2) The area must be sloped to a sediment trap used only for the temporary collection of spilled or released pesticides. The sediment trap may not be greater than two feet deep.

(3) The area must contain a minimum of 1,000 U.S. gallons.

Subp. 2. **Containment for pesticide-impregnated fertilizer loading sites.** An area used for the loading of pesticide impregnated fertilizer into fixed storage containers, mobile containers, or pesticide application equipment at a bulk pesticide storage facility must be provided with the means of containment in items A to C.

A. The containment area for pesticide-impregnated fertilizer loading must be elevated above the surrounding area, be constructed of reinforced concrete or other commissioner-approved material, and be designed and constructed for the intended purpose. A scale with a liquid-tight containment area is acceptable.

B. The containment area must be of adequate size to fully hold the largest fixed storage container, mobile containers, or commercial pesticide application equipment that will be loaded on the area.

C. The containment area must be protected or managed in a manner that will prevent pesticide-contaminated runoff from leaving the area.

**Subp. 3. Load area exceptions and underground plumbing.**

A. If load areas for fixed storage containers, mobile containers, or pesticide application equipment are physically separated from one another, each separate load area must be of a design, size, and construction to contain a minimum of 500 U.S. gallons.

B. If no bulk pesticide storage container at the storage facility has a rated capacity of more than 500 U.S. gallons, the load area must be of a design, size, and construction to contain a minimum of 500 U.S. gallons.

If no bulk pesticide storage container at the storage facility has a rated capacity of more than 250 U.S. gallons, the load area must be of a design, size, and construction to contain a minimum of 250 U.S. gallons.

C. A load area is not required for areas used for loading anhydrous ammonia tanks with pesticides used to control the nitrification process, if:

(1) the bulk pesticide storage container, pump, and associated connections are located within a secondary containment area;

(2) all pesticide delivery hoses are placed in the secondary containment area between uses;

(3) no aluminum components are used; and

(4) all pesticide releases are immediately abated and recovered.

D. Any underground plumbing used for transferring rinsates or sediment from a sediment trap to rinsate tanks must be designed, constructed, installed, and maintained to prevent the release of pesticides to the environment and the backflow of pesticide rinsates to the sediment trap.

**Statutory Authority:** *MS s 14.3895; 18B.06; 18B.14*

**History:** *14 SR 161; 41 SR 799*

**Published Electronically:** *January 5, 2017*