

Kansas Administrative Regulations

Kansas Department of Agriculture

Article 13.—Pesticides

4-13-25d. Secondary containment for bulk pesticide storage.

Each owner or operator shall meet the following requirements: (a) All bulk pesticide shall be stored within secondary containment. The secondary containment capacity shall be at least 110 percent of the capacity of the largest single bulk pesticide container in addition to the displacement of tanks, appurtenances, fixtures, equipment, and material located within the secondary containment.

(b) The secondary containment, including the floor or bottom of the secondary containment, shall meet the following requirements:

(1) Be constructed of steel, reinforced concrete, or any other material of sufficient thickness, density, and composition to contain any discharged pesticide material;

(2) be leakproof with cracks, seams, and joints sealed; and

(3) for liquids, be capable of withstanding the static pressure resulting from the secondary containment being completely filled with a liquid having a density greater than or equal to the density of the most dense liquid bulk pesticide to be stored within the containment.

(c) A soil liner shall not be considered adequate for the secondary containment of pesticides. Masonry block, asphalt, earthen materials, unfired or fired clay, clay, natural soil-clay mixtures, clay-bentonite mixtures, and prefabricated bentonite liners shall not be deemed to be of appropriate density and composition to contain discharged pesticide material and shall not be used as secondary containment. Sealant-coated concrete blocks may be used if the facility owner's or operator's use of the blocks is approved in writing by the manufacturer of the pesticide.

(d) The floor of the secondary containment shall drain to a sump or other specific point of recovery.

(e) The sump or other specific point of recovery shall be emptied daily in accordance with K.A.R. 4-13-25g(a) by an on-site operator, who shall continuously monitor this

process. The on-site operator may use an automatically activated pump to empty the sump if an automatic overflow switch is installed for the receiving container.

(f) No outlet, drain, or other means of penetration shall be located through the floor, bottom, or walls of the secondary containment.

(g) Secondary containment shall be constructed to allow the interior and exterior of the walls to be viewed.

(h) A synthetic liner used to line the secondary containment shall be installed and maintained according to the liner manufacturer's specifications, directions, and recommendations. The specifications, directions, and recommendations about liners from the manufacturers of the pesticides stored in the facility shall also be followed. All seams shall be tested, maintained, and repaired according to the manufacturer's specifications, directions, and recommendations. The liner shall be replaced if it cannot be repaired to meet the liner manufacturer's requirements. In no event shall a liner that is incapable of containing bulk pesticides independent of the support of another container be used in lieu of secondary containment.

(Authorized by and implementing K.S.A. 2-2467a; effective Dec. 27, 2002; amended Sept. 3, 2010.)

***** Authenticated Kansas Administrative Regulation *****