§ 91.26 Concrete flooring.

(a) Pens aboard an ocean vessel shall have a 3 inch concrete pavement, proportioned and mixed to give 2000 psi. compressive strength in 28 days. The pavement shall have a broom or rough finish. Steel angle bars may be used for footlocks if they are mounted into the flooring in such a way that, at the same time, the bars serve as gutterways. The angle bars shall not be less than 2 inches by 2 inches and \( \frac{3}{16} \) inches in thickness, and spaced on 12 inch centers running for and aft on the vessel.

(b) (1) Horses and cattle. Flooring shall be laid athwartship and secured by placing ends beneath the under side of foot and rump boards or under a 2”x4” strip nailed along these boards. Floors may be either of two types, flush or raised. The flush type shall be constructed of not less than 1” thick lumber laid flat on the deck. The raised type shall be constructed of not less than 2” thick lumber nailed to scantlings of at least 2”x3” dimensions laid 2 feet 6 inches apart. If desired, flooring may be laid in portable sections. Flooring will not be required on ships with wooden decks provided footlocks are secured to the decks. Cement or composite material diagonally scored one-half inch deep may be used on iron decks instead of wooden flooring if the footlocks are molded in the same and bolted to the deck.

(2) Sheep, goats, and swine. Flooring for sheep, goats, and swine shall be the same as prescribed in this section for horses and cattle, except that the raised flooring need not be greater than 12 inch in thickness.

(3) Drainage. Provisions shall be made for drainage of urine and surface water from all parts of the vessel used for carriage of animals including sufficient scuppers. A walkway shall provide easy access to the scuppers.

§ 91.27 Troughs and hayracks.

All stalls and pens aboard an ocean vessel shall be equipped with proper.