Federal Railroad Administration, DOT § 231.7

(iv) Carriers are not required to change the location of brake wheels and brake shafts on cars in service July 1, 1911, where the appliances are within 3 inches of the required location, except that when cars undergo regular repairs they must then be made to comply with the standards prescribed.

(4) Manner of application. Same as specified for “Box and other house cars” (see §231.1(a)(4)).

(b) Sill steps. Same as specified for “Box and other house cars” (see §231.1(d)).

(c) Side handholds—(1) Number. Same as specified for “Box and other house cars” (see §231.1(h)(1)).

(2) Dimensions. Same as specified for “Box and other house cars” (see §231.1(h)(2)).

(3) Location. (i) Horizontal, one on face of each side sill near each end. Clearance of outer end of handhold shall be not more than 12 inches from end of car.

(ii) Carriers are not required to change the location of handholds on cars in service July 1, 1911, except end handholds under end sills, where the appliances are within 3 inches of the required location, except that when cars undergo regular repairs they must then be made to comply with the standards prescribed.

(4) Manner of application. Same as specified for “Box and other house cars” (see §231.1(h)(4)).

(d) End handholds—(1) Number. Four.

(e) Uncoupling levers. Same as specified for “Box and other house cars” (see §231.1(k)).

§ 231.7 Tank cars with side platforms.

(a) Hand brakes—(1) Number. Same as specified for “Box and other house cars” (see §231.1(a)(1)).

(2) Dimensions. Same as specified for “Box and other house cars” (see §231.1(a)(2)).

(3) Location. (i) Each hand brake shall be so located that it can be safely operated while car is in motion.

(ii) The brake shaft shall be located on end of car to the left of center.

(iii) Carriers are not required to change the brakes from right to left side on steel or steel-underframe cars with platform end sills in service July 1, 1911, except when such appliances are renewed, at which time they must be made to comply with the standards prescribed.

(4) Manner of application. Same as specified for “Box and other house cars” (see §231.1(a)(4)).

(b) Sill steps. Same as specified for “Box and other house cars” (see §231.1(d)).

(c) Side handholds—(1) Number. Four or more.

(2) Dimensions. Same as specified for “Box and other house cars” (see §231.1(h)(2)).

(3) Location. (i) Horizontal, one on face of each side sill near each end. Clearance of outer end of handhold shall be not more than 12 inches from end of car.

(ii) If side safety railings are attached to tank or tank bands, four additional vertical handholds shall be applied, one as nearly as possible over each sill step and securely fastened to tank or tankband.

(iii) Carriers are not required to change the location of handholds on cars in service July 1, 1911, except end handholds under end sills, where the appliances are within 3 inches of the required location, except that when cars undergo regular repairs they must then be made to comply with the standards prescribed.

(4) Manner of application. Same as specified for “Box and other house cars” (see §231.1(h)(4)).
§231.8

(2) **Dimensions.** Same as specified for “Box and other house cars” (see §231.1(k)(2)).

(3) **Location.** (i) Horizontal, one near each side of each end of car on face of end sill. Clearance of outer end of handhold shall be not more than 16 inches from side of car.

(ii) Carriers are not required to change the location of handholds on cars in service July 1, 1911, except end handholds under end sills, where the appliances are within 3 inches of the required location, except that when cars undergo regular repairs they must then be made to comply with the standards prescribed.

(iii) Carriers are not required to change the location of handholds on cars in service July 1, 1911, except end handholds under end sills, where the appliances are within 3 inches of the required location, except that when cars undergo regular repairs they must then be made to comply with the standards prescribed.

(4) **Manner of application.** Same as specified for “Box and other house cars” (see §231.1(k)(4)).

(e) **Tank-head handholds—Number.** Two. (Not required if safety railing runs around ends of tank.)

(2) **Dimensions.** Minimum diameter, five-eighths of an inch, wrought iron or steel. Minimum clearance, 2, preferably 21⁄2, inches. Clear length of handholds shall extend to within 6 inches of outer diameter of tank at point of application.

(i) Horizontal, one across each head of tank not less than 30 nor more than 60 inches above platform.

(ii) Carriers are not required to change the location of handholds on cars in service July 1, 1911, except end handholds under end sills, where the appliances are within 3 inches of the required location, except that when cars undergo regular repairs they must then be made to comply with the standards prescribed.

(4) **Manner of application.** Tankhead handholds shall be securely fastened.

(f) **Safety railings—Number.** One continuous safety railing running around sides and ends of tank, securely fastened to tank or tank bands at ends and sides of tank; or two running full length of tank at sides of cars supported by posts.

(2) **Dimensions.** Not less than three-fourths of an inch, iron.

(i) Each hand brake shall be so located that it can be safely operated while car is in motion.

(ii) The brake shaft shall be located on end of car to the left of center.

(iii) Carriers are not required to change the brakes from right to left side on steel or steel-underframe cars with platform end sills, in service July 1, 1911, except when such appliances are renewed, at which time they must be made to comply with the standards prescribed.

(4) **Manner of application.** Same as specified for “Box and other house cars” (see §231.1(k)(4)).

(b) **Running boards—Number.** One continuous running board around sides