§ 179.104 Special requirements for class 114A tank car tanks. 

(a) The tank car and insulation must be designed to prevent the pressure of the lading from increasing from the pressure at the maximum allowable filling density to the start-to-discharge pressure of the pressure relief valve within 30 days, at an ambient temperature of 90°F. 

(m) Except as provided in §173.314(d), tank cars built on or after March 16, 2009 used for the transportation of hydrogen chloride, refrigerated liquid, must meet the applicable authorized tank car specification listed in §173.314(c). 


§ 179.105 Special requirements for class 114A * * * tank car tanks. 

(a) In addition to the applicable requirements of §§179.100 and 179.101 the following requirements shall be complied with: 

(b) [Reserved] 

§ 179.105–1 Type. 

(a) Tanks built under this section may be of any approved cross section. 

(b) Any portion of the tank shell not circular in cross section shall have walls of such thickness and be so reinforced that the stresses in the walls caused by a given internal pressure are no greater than the circumferential stresses which would exist under the same internal pressure in the wall of a tank of circular cross section designed in accordance with paragraphs §§179.100–6 (a) and (b), but in no case shall the wall thickness be less than that specified in §179.101. 

(c) [Reserved] 

(d) Valves and fittings need not be mounted on the manway cover. 

(e) One opening may be provided in each head for use in purging the tank interior. 


§ 179.105–2 Manway cover. 

(a) The manway cover must be an approved design. 

(b) If no valves or measuring and sampling devices are mounted on manway cover, no protective housing is required. 