



2-2.1.3

Containers shall be designed, fabricated, tested and marked (or stamped) in accordance with the regulations of the U.S. Department of Transportation (DOT), the ASME *Boiler and Pressure Vessel Code*, “Rules for the Construction of Unfired Pressure Vessels,” Section VIII, or the API-ASME *code for Unfired Pressure Vessels for Petroleum Liquids and Gases*, whichever is applicable at the date of manufacture. (See *Appendixes C and D of the NFPA 58*.) The following shall also apply:

- a) Adherence to applicable ASME *Code Case Interpretations and addenda* shall be considered as compliance with the ASME Code.
- b) Container Fabricated to earlier editions of regulations, rules, or codes listed in 2-2.1.3 and the ICG *Rules for Construction of Unfired Pressure Vessels* Prior to April 1, 1967, shall be permitted to be continued to be used in accordance with 1-1.5.

2-2.1.7

ASME Paragraph U-68 or U-69 containers shall be permitted to be continued to be used, installed, reinstalled, or placed back into service. Installation of container shall be in accordance with all provisions listed in this code. (See *section 2-2, tables 2-2.2.2 and 2-3.2.3 below, and appendix D in NFPA 58*)

Table 2-2.2.2 Vapor Pressures and Design Pressures
Design Pressure in psi (pa)

Maximum Vapor Pressure In psi (Mpa) at 100 °F (37.8°C)	Earlier Codes		
	Current ASME Code 1	API-ASME	ASME 2
80 (0.6)	100 (0.7)	100 (0.7)	80 (0.6)
100 (0.7)	125 (0.9)	125 (0.9)	100 (0.7)
125 (0.9)	156 (1.1)	156 (1.1)	125 (0.9)
150 (1.0)	187 (1.3)	187 (1.3)	150 (1.0)
175 (1.2)	219 (1.5)	219 (1.5)	175 (1.2)
215 (1.5)	250 (1.7)	250 (1.7)	200 (1.4)
215 (1.5)	312.5 (2.0) ₃	312.5 (2.2) ₃	-

Table 2-3.2.3

Containers	Minimum	Maximum
All ASME codes prior to the 1949 edition And the 1949 edition, Paragraphs U-68 and U-69	110%	125%
ASME code, 1949 edition, Paragraphs U-200 and U-201, and all ASME Codes later than 1949	100%	100%