

1513.0410 DESIGN OF TANKS.

Subpart 1. **Economical design.** Tanks may be designed for any storage pressure desired as determined by economical design of the refrigerated system.

Subp. 2. **Design temperature.** The design temperature must be the minimum temperature to which the container will be refrigerated and must be so designated.

Subp. 3. **Design pressure over 15 psig.** Containers with a design pressure exceeding 15 psig must be constructed according to part 1513.0120 and the material must be selected from those listed in API Standard 620, Recommended Rules for Design and Construction of Large, Welded, Low-Pressure Storage Tanks, Tables 2.02, R.2.2, R.2.3, or R.2.4.

Subp. 4. **Design pressure of 15 psig or less.** Tanks with a design pressure of 15 psig and less must be constructed according to the general requirements of API Standard 620, including Appendix R.

Subp. 5. **Certain metals.** When austenitic stainless steels or nonferrous metals are used, the ASME code must be used in selection of materials for use at the design temperature.

Statutory Authority: *MS s 18C.121*

History: *21 SR 277*

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