§ 64.13 Allowable stress; tank.
(a) The calculated stress in the tank under design conditions, including dynamic loading conditions applied simultaneously, must not exceed the allowable stress listed in Division 1 of section VIII of the ASME Code, for a design temperature of 122 °F.
(b) The calculated stress in the tank at test pressure must not exceed 75 percent of the minimum yield stress, or 37.5 percent of the minimum tensile stress\(^1\) of the material, whichever is less.

\[\text{\textsuperscript{1}Listed in Division 1 of section VIII of the ASME Code.}\]

§ 64.15 Allowable stress; framework.
The calculated stress for the framework must be 80 percent or less of the minimum yield stress of the framework material under the dynamic loading conditions that are applied simultaneously.

§ 64.17 Minimum tank thickness.
(a) Except as allowed in paragraph (b) of this section, a tank with a diameter of—
(1) 6 feet or less must have a shell and head of \(\frac{3}{8}\) inch thickness or more; or
(2) More than 6 feet must have a shell and head of \(\frac{1}{4}\) inch thickness or more.