

H.7 Hydrostatic Test Pressure

The SI hydrostatic test pressures were calculated (not converted) using Equation (H.8).

$$P_m = 1.6 y_{sm} \times t_{m(\min)} / D_m \quad (\text{H.8})$$

where

P_m is the SI hydrostatic test pressure, MPa;

y_{sm} is the SI yield strength, MPa;

$t_{m(\min)}$ is the SI minimum wall thickness, mm;

D_m is the SI outside diameter, mm.

The calculated hydrostatic test pressures were rounded to the nearest 0.1 MPa, not to exceed 103.4 MPa.

H.8 Temperature

The U.S. customary temperatures in degrees Fahrenheit were converted to SI temperature in degrees Celsius using

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