**Section 160.120 Piping – Materials and Design**

Piping, valves, joints and fittings for flammable and combustible liquids shall be designed for the working pressures and structural stresses to which they may be subjected.

a) Piping valves, joints and fittings shall be of steel or other materials suitable for use with the liquid being handled. Pipe-wall thicknesses determined in accordance with Section 3 of the American National Standards Institute Code for Pressure Piping (A.N.S.I. B36.10-1950) shall be deemed to comply with this Section; except that carbon steel pipe shall not be thinner than standard wall thickness listed in the American Standard for Wrought-Steel and Wrought-Iron Pipe (A.N.S.I. B36.10-1950).

b) Non-metallic piping systems conforming to the requirements of A.N.S.I. B31(1983) for use with flammable and combustible liquids are permitted underground.

c) All sealants shall be compatible with the product being used and these standards.

(Source: Amended at 9 Ill. Reg. 10012, effective October 1, 1985)