

Kansas Administrative Regulations

Department of Labor

Article 51.—High Pressure Boilers

49-51-3a. Safety factors for boilers and pressure vessels.

The department's inspector shall decrease the working pressure if the condition and safety of the boiler or pressure vessel warrant it. The following safety factors shall represent the minimum values to be used: (a) The lowest safety factor permissible on existing boilers and pressure vessels and newly installed boilers shall be 4.0.

(b) The safety factor shall be eight for horizontal-return tubular boilers that have continuous longitudinal lapseams that are more than 12 feet in length. If this type of boiler is removed from its existing setting, it shall not be reinstalled in a manner that allows the boiler to operate at pressures in excess of 15 psig.

(c) The lowest permissible safety factor for new pressure vessels shall be no less than 3.5.

(d) If an existing boiler or pressure vessel is constructed to operate with a higher safety factor than a safety factor required by this regulation, the higher safety factor shall not be lowered for any reason.

(Authorized by and implementing K.S.A. 44-916; effective April 28, 2000; amended Nov. 3, 2006.)

***** Authenticated Kansas Administrative Regulation *****