

Kansas Administrative Regulations

Department of Labor

Article 50.—General Requirements for All Boilers

49-50-7. Boiler blowoff equipment; general requirements.

(a) The blowdown from a boiler or boilers that enters a sanitary sewer system or blowdown that is considered a hazard to life or property shall pass through some form of blowoff equipment that will reduce pressure and temperature as required by this regulation.

(b) The temperature of the water leaving the blowoff equipment shall not exceed 140° F.

(c) The pressure of the blowdown leaving any type of blowoff equipment shall not exceed 5 psig.

(d) The blowoff piping and fitting between the boiler and boilers and the blowoff tank or tanks shall meet the requirements of paragraphs PG-58 and PG-59 of the ASME boiler and pressure vessel code, section I, which is adopted in K.A.R. 49-45-1.

Blowdown piping shall not be galvanized.

(e) All blowoff tank construction shall meet the requirements of the ASME pressure vessel code, section VIII, division 1, as adopted in K.A.R. 49-45-29, and all materials used in the fabrication of boiler blowoff equipment shall meet the requirements of section II of the ASME boiler and pressure vessel code, as adopted in K.A.R. 49-45-2, K.A.R. 49-45-3, K.A.R. 49-45-4, and K.A.R. 49-45-4a.

(f) When a steam separator is used, it shall be designed to withstand at least twice the operating pressure of the boiler. The steam separator shall be equipped with a vent, an inlet and outlet, and a pressure gauge.

(g) All blowoff equipment shall be fitted with openings to facilitate cleaning and inspection.

(h) In addition to meeting the other requirements in these regulations, all blowoff equipment shall meet the requirements in "a guide for blowoff vessels," as published by the national board of boiler and pressure vessel inspectors and adopted by reference in

K.A.R. 49-51-11, a copy of which may be obtained from the national board of boiler and pressure vessel inspectors or from the chief inspector.

(Authorized by and implementing K.S.A. 44-916; effective May 1, 1987; amended April 28, 2000; amended Nov. 3, 2006.)

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