

Kansas Administrative Regulations

Department of Labor

Article 50.—General Requirements for All Boilers

49-50-22. Venting of atmospheric vents, gas vents, and bleed or relief lines.

(a) Each gas pressure regulator, pressure switch, safety shutoff valve, and any other gas control that has a threaded fitting shall be vented to the outdoors to a safe point of discharge. The material for each vent line shall be metallic, in accordance with the standards in NFPA 54, which is adopted in K.A.R. 49-50-2.

(b) The atmospheric vent lines shall not be connected to any common gas vent, to any threaded gas vent, or to any bleed or relief line on any double-block-and-bleed fuel train. Each boiler shall be vented separately.

(c) Each atmospheric vent line that has a threaded connection shall be manifolded together in a common atmospheric vent line having a cross-sectional area that is not less than the area of the largest vent line plus 50% of the total areas of the additional vent lines.

(d) Each gas regulator and each pressure interlock switch, as well as any other fuel train component that requires atmospheric pressure to balance diaphragms or other similar devices, shall be provided with a pipe-threaded connection for its vent line. The vent line shall be extended outdoors to a safe point of discharge. A means shall be provided at the vent line's terminating point to prevent blockage of the line by foreign material, moisture, or insects.

(e) Each vent line and actuating line inside boiler casings shall be made of metallic material.

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

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