

Kansas Administrative Regulations

Department of Labor

Article 48.—Frequency of Inspection

49-48-1. Certificate inspections; type and frequency.

Certificate inspections shall be made pursuant to the following schedule: (a) Power boilers and high pressure, high temperature water boilers shall receive an annual certificate inspection that shall be an internal inspection where construction permits, or as complete an inspection as possible where construction does not permit internal inspection. However, an external inspection may, at the discretion of the inspector, serve as a certificate inspection during the initial year of operation for any new boiler. These boilers shall also be externally inspected while under pressure, if possible, once a year. Upon written request by the owner or user of a power boiler or high pressure, high temperature water boiler, an extension may be granted by the secretary between internal inspections, not to exceed 24 months, with the external inspection on alternate years to be accepted as a certificate inspection, if all of the following conditions are met:

(1) Agreement is reached between the secretary and the insurance company responsible for the inspection that an extension be granted.

(2) A continuous boiler water treatment program under competent supervision is in effect for the purpose of controlling and limiting corrosion and deposits on the waterside surfaces.

(3) Complete records are available showing the dates the boilers have been out of service, and the reason for this, since the last internal inspection. The records shall show the nature of any repair or repairs and the reasons for the repairs.

(4) The report of the last certificate inspection shows no reason why the boiler cannot be operated safely.

(b) Any indication of problems noted during the certificate inspection shall void any extension or written request for an extension and the boiler or pressure vessel shall be shut down and an internal inspection performed.

(c) Low pressure steam and steel hot water heating boilers, as defined by K.S.A. 44-914, and amendments thereto, shall receive an annual external certificate inspection, except that low pressure steam heating boilers, the construction of which allows internal inspection, shall receive an internal certificate inspection every three years.

(d) Low pressure hot water supply boilers of 85 gallons and over shall receive an external certificate inspection every three years. Boilers over 400,000 BTUH shall receive an external certificate inspection annually.

(e) Upon written request of an insurance company and with the agreement of the owner or user of a boiler, the period of validity of a certificate may be extended by the secretary for a period not to exceed two months.

(f) Each pressure vessel measuring 15 or more cubic feet shall receive a certificate inspection upon installation or replacement of each vessel in new and existing installations.

(g) All sizes of swimming pool heaters shall be subject to an external certificate inspection every three years. However, pool heaters of 400,000 BTUH and over shall be inspected annually.

(h) Each steam kettle and steam chef shall receive an annual certificate inspection.

(i) Each autoclave shall receive an annual certificate inspection, if it has a steam generator attached to the system or if the autoclave is a part of the system.

(j) Each waste heat boiler constructed to the requirements of section I of the ASME code shall receive an annual internal certificate inspection.

(k) Each waste heat boiler constructed to the requirements of section VIII of the ASME code shall receive an external certificate inspection every year, and, if construction permits, this boiler shall receive an internal inspection every three years, unless operating conditions warrant a more frequent inspection.

(l) Each steam generator that meets any of the following conditions shall receive an annual inspection:

- (1) Produces steam for any process;
- (2) is fitted with safety valves installed at the factory; or
- (3) is modified in the field to require safety valves.

(Authorized by and implementing K.S.A. 1998 Supp. 44-916; implementing K.S.A. 1998 Supp. 44-923; effective, E-81-38, Dec. 10, 1980; effective May 1, 1981; amended, T-83-41, Nov. 23, 1982; amended May 1, 1983; amended April 28, 2000.)

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