Kansas Administrative Regulations

Department of Health and Environment

Article 35.—Radiation—Part 7. Special Requirements for Industrial Radiographic Operations.

28-35-282a. Inspection and maintenance of radiation machines, radiographic exposure devices, transport and storage containers, associated equipment, source changers, and survey instruments.

(a) Each licensee or registrant shall perform visual and operability checks on the survey meters, radiation machines, radiographic exposure devices, each transport and storage container, and any associated equipment and source changers before each day's use, or each work shift, to ensure that all of the following conditions are met:

(1) The equipment is in good working condition.

(2) The sources are shielded.

(3) The required labeling is present.

(b) Survey instrument operability shall be performed by using dedicated check sources or other appropriate means.

(c) If equipment problems are found, the equipment shall be removed from service until repaired.

(d) Each licensee or registrant shall have written procedures for and shall perform inspections and routine maintenance on the radiation machines, radiographic exposure devices, source changers, associated equipment, transport and storage containers, and survey instruments. The inspections and maintenance shall occur at least every three months or before the next use to ensure proper functioning of components important to safety. Each replacement component shall meet the design specifications of the manufacturer. If equipment problems are found, the equipment shall be removed from service until repaired.

(e) Each licensee's inspection and maintenance program shall include procedures to ensure that type B packages are shipped and maintained in accordance with the certificate of compliance or other type of approval.

(f) Each licensee or registrant shall maintain records of inspection, equipment problems, and any maintenance performed under this regulation for three years. These records shall specify the following:

(1) The date of the check or inspection;

(2) the name of the inspector;

(3) the equipment modified;

(4) any problems found; and

(5) any repairs needed and any maintenance and equipment problems found.

(Authorized by and implementing K.S.A. 48-1607; effective Dec. 30, 2005; amended April 1, 2022.)

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