Kansas Administrative Regulations

Department of Health and Environment

Article 35.—Radiation—Part 1. Definitions.

28-35-135f. Definitions.

As used in these regulations, each of the following terms shall have the meaning specified in this regulation:

(a) "Facility" means the specific location at which a person is licensed or registered to use radioactive material or radiation-producing devices. Separate physical locations shall be considered to be separate facilities.

(b) "Fail-safe characteristic" means a design feature that causes beam port shutters to close, or otherwise prevents emergence of the primary beam, upon the failure of a safety or warning device.

(c) "Field emission equipment" means equipment that uses an X-ray tube in which electron emission from the cathode is due solely to the action of an electric field.

(d) "Field-flattening filter" means a filter used to provide dose uniformity over the area of a useful beam of X-rays at a specified depth.

(e) "Field size" means the dimensions along the major axes of an area in a plane perpendicular to the specified direction of the beam of incident radiation at the normal treatment distance. Field size is defined by the intersection of the major axes and the 50 percent isodose line. Material shall be placed in the beam so that the maximum dose is produced at the normal treatment distance when the field size is being determined.

(f) "Field station" means a facility where radioactive sources or radiation-processing devices are stored or used and from which equipment is dispatched to temporary job sites.

(g) "Filter" means material placed in the path of the useful beam of X-rays to selectively absorb the less penetrating radiation.

(h) "Fixed contamination" means contamination that cannot be removed from a surface during normal conditions of transport.

(i) "Fluoroscopic imaging assembly" means a component that comprises a reception system in which X-ray photons produce a fluoroscopic image. This term shall include equipment housings, any electrical interlocks, the primary protective barrier, and structural material providing linkage between the image receptor and the diagnostic source assembly.

(j) "Focal spot" means the area projected on the anode of the X-ray tube by the electrons accelerated from the cathode and from which the useful beam originates.

(k) "Full-cost reimbursement" means reimbursement of the total cost of staff time and any contractual support services expended.

(Authorized by K.S.A. 48-1607; implementing K.S.A. 2020 Supp. 48-1603 and K.S.A. 48-1607; effective Dec. 30, 2005; amended April 1, 2022.)

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