Kansas Administrative Regulations

Department of Health and Environment

Article 35.—Radiation—Part 1. Definitions.

28-35-144. Appendix B—Tests for special form licensed material.

(a) "Free Drop" means releasing material, without thrust, from a point 30 feet above a flat, essentially unyielding, horizontal surface, so that the material strikes the surface.

(b) "Percussion" means impacting material with the flat, circular end of a one inch diameter steel rod weighing three pounds, by releasing the steel rod a distance of forty inches above the surface of the material. The material shall be placed on a sheet of lead, of hardness number 3.5 to 4.5 on the Vickers scale, and not more than one inch thick, supported by a smooth, essentially unyielding surface.

(c) Heating: heating in air to a temperature of 1,475° F. and remaining at that temperature for a period of 10 minutes.

(d) Immersion: immersion for 24 hours in water at room temperature. The water shall be at pH 6—pH 8, with a maximum conductivity of 10 micromhos per centimeter. (Authorized by and implementing K.S.A. 1984 Supp. 48-1607; effective May 1, 1976; amended, T-85-43, Dec. 19, 1984; amended May 1, 1985.)

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