Kansas Administrative Regulations

Department of Health and Environment

Article 35.—Radiation—Part 1. Definitions.

28-35-135k. Definitions.

As used in these regulations, each of the following terms shall have the meaning assigned in this regulation: (a) "Kilovolts (kV)" means the energy equal to that acquired by a particle with one electron charge in passing through a potential difference of 1,000 volts in a vacuum.

(b) "Kilovolts peak (kVp)" has the meaning assigned to "peak tube potential."

(c) "kWs" means kilowatt second. This term is calculated using the following equation:

$$kWs = (X)kV \times (Y)mA \times (Z)s \times \frac{kWs}{10^3 kv \times mA \times s} = \frac{XYZ\ kWs}{10^3}$$

(Authorized by K.S.A. 48-1607; implementing K.S.A. 48-1603 and 48-1607; effective Dec. 30, 2005.)

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