3701:1-49-06 Radiation detection instruments.

(A) The licensee shall keep a calibrated and operable radiation survey instrument capable of detecting beta and gamma radiation at each field station and temporary job site to make the radiation surveys required by rules 3701:1-49-03 to 3701:1-49-24 of the Administrative Code and by Chapter 3701:1-38 of the Administrative Code. To satisfy this requirement, the radiation survey instrument must be capable of measuring 0.001 millisievert per hour (0.1 millirem per hour) through at least 0.5 millisievert per hour (fifty millirem per hour).

(B) The licensee shall have available additional calibrated and operable radiation detection instruments sensitive enough to detect the low radiation and contamination levels that could be encountered if a sealed source ruptured. The licensee may own the instruments or may have a procedure to obtain them immediately from a second party.

(C) The licensee shall have each radiation survey instrument required under paragraph (A) of this rule calibrated:

(1) After instrument servicing and at intervals not to exceed six months;

(2) For linear scale instruments, at two points located approximately one-third and two-thirds of full-scale on each scale; for logarithmic scale instruments, at midrange of each decade, and at two points of at least one decade; and for digital instruments, at appropriate points; and

(3) So that an accuracy within plus or minus twenty per cent of the calibration standard can be demonstrated on each scale.

(D) The licensee shall retain calibration records for a period of three years after the date of calibration for inspection by the director.

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