

3701:1-48-08 Radiation survey instruments.

- (A) The licensee shall keep sufficient calibrated and operable radiation survey instruments at each location where radioactive material is present to make the radiation surveys required by this chapter and Chapter 3701:1-38 of the Administrative Code. Instrumentation required by this rule must be capable of measuring a range from 0.02 millisievert (two millirem) per hour through 0.01 sievert (one rem) per hour.
- (B) The licensee shall have each radiation survey instrument required under paragraph (A) of this rule calibrated:
 - (1) At intervals not to exceed six months and after instrument servicing, except for battery changes;
 - (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 mid-range of each decade, and at two points of at least one decade; and for digital instruments, at three points between 0.02 and ten millisievert (two and one thousand millirem) per hour; and
 - (3) So that an accuracy within plus or minus twenty per cent of the calibration source strength can be demonstrated at each point checked.
- (C) The licensee shall maintain records of the results of the instrument calibrations in accordance with paragraph (C) of rule 3701:1-48-23 of the Administrative Code.

Five Year Review (FYR) Dates: 04/04/2016 and 04/01/2021

CERTIFIED ELECTRONICALLY

Certification

04/04/2016

Date

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