

WAC 246-230-070 Radiation surveys. (1) Radiation surveys must be conducted by a qualified expert to verify:

(a) Dose of radiation per screening and maximum allowable scans per year for any individual at stated dosage per screening;

(b) Radiation leakage at the surface, within radiation screening zone, at operator position, and surrounding areas. If the radiation survey conducted by a qualified expert indicates the operators could receive 10 percent of the occupational worker's annual dose limit of 5 rem, a dosimetry badge shall be worn while within the radiation screening zone;

(c) Safety interlocks are functioning properly;

(d) Operation and emergency procedures are in place and used as appropriate;

(e) Training program and training log are in place and used as appropriate; and

(f) Any other parameters specified by the manufacturer.

(2) The registrant must ensure that radiation surveys are completed:

(a) Prior to first use and upon replacement of security screening system;

(b) Every 10 to 14 months;

(c) Within 30 days following any maintenance that affects:

(i) Radiation shielding;

(ii) Shutter mechanism;

(iii) Radiation production components; and

(d) Within 30 days following any alteration or incident that may have damaged the system in a way that unintended radiation emission occurs.

(3) A qualified expert will provide a summary of each radiation survey to the registrant, outlining results and recommendations for corrections. Corrections must be made within 30 days of receiving the recommendations.

[Statutory Authority: RCW 70.388.040. WSR 25-01-051, s 246-230-070, filed 12/11/24, effective 1/11/25.]