

WAC 246-243-240 Appendix B—General guidelines for inspection of radiography equipment. (1) Panoramic devices (devices in which the source is physically removed from shielded container during exposure) should be inspected for:

- (a) Radiographic exposure unit;
 - (i) Abnormal surface radiation levels anywhere on camera;
 - (ii) Condition of safety plugs;
 - (iii) Proper operation of locking mechanism;
 - (iv) Condition of pigtai connector;
 - (v) Alignment of "S" tube with exit port;
 - (vi) Condition of carrying device (for example, straps and handles);
 - (vii) Proper labeling;
 - (b) Source tube;
 - (i) Rust, corrosion, dirt, or sludge buildup inside the source tube;
 - (ii) Condition of source tube connector;
 - (iii) Condition of source stop;
 - (iv) Kinks or damage that could prevent proper operation;
 - (c) Control cables and drive mechanism;
 - (i) Proper drive mechanism for this camera, if appropriate;
 - (ii) Changes in general operating characteristics;
 - (iii) Condition of connector on drive cable;
 - (iv) Drive cable flexibility, wear, and rust;
 - (v) Excessive wear or damage to crank assembly parts;
 - (vi) Damage to drive cable conduit that could prevent the cable from moving freely;
 - (vii) Connection of the control cable connector with the pigtai connector for proper mating;
 - (viii) Proper operation of source position indicator, if applicable.
- (2) Directional beam devices should be inspected for:
- (a) Abnormal surface radiation;
 - (b) Changes in the general operating characteristics of the unit;
 - (c) Proper operation of shutter mechanism;
 - (d) Chafing or binding of shutter mechanism;
 - (e) Damage to the device which might impair its operation;
 - (f) Proper operation of locking mechanism;
 - (g) Proper drive mechanism with this camera, if appropriate;
 - (h) Condition of carrying device (for example, straps and handles);
 - (i) Proper labeling.

[Statutory Authority: RCW 70.98.050 and 70.98.110. WSR 16-13-054, § 246-243-240, filed 6/10/16, effective 7/11/16. Statutory Authority: RCW 70.98.050. WSR 94-01-073, § 246-243-240, filed 12/9/93, effective 1/9/94. Statutory Authority: RCW 43.70.040. WSR 91-02-049 (Order 121), recodified as § 246-243-240, filed 12/27/90, effective 1/31/91. Statutory Authority: RCW 70.98.080. WSR 83-19-050 (Order 2026), § 402-36-165, filed 9/16/83.]