

**WAC 246-236-055 Personnel monitoring.** (1) Irradiator operators shall wear a personnel dosimeter while operating a panoramic or beam-type irradiator or while in the area around the pool of an underwater irradiator. The personnel dosimeter must be capable of detecting high energy photons in the normal and accident dose ranges per WAC 246-221-090(3). Each personnel dosimeter must be assigned to and worn by only one individual. Film badges must be replaced at least monthly and other personnel dosimeters that require replacement must be evaluated at least quarterly or promptly after replacement, whichever is more frequent.

(2) Other individuals who enter the radiation room of a panoramic or beam-type irradiator shall wear a dosimeter, which may be a pocket dosimeter. For groups of visitors, only two people who enter the radiation room are required to wear dosimeters. If pocket dosimeters are used to meet the requirements of this subsection, a check of their response to radiation must be done at least annually. Acceptable dosimeters must read within plus or minus 30 percent of the true radiation dose.

[Statutory Authority: RCW 70A.388.040 and 70A.388.110. WSR 22-11-063, § 246-236-055, filed 5/16/22, effective 6/16/22. Statutory Authority: RCW 70.98.050, 70.98.110 and 58 F.R. 7728, 76 F.R. 56963, 77 F.R. 39906, 80 F.R. 54234. WSR 18-15-017, § 246-236-055, filed 7/9/18, effective 8/9/18.]