

**WAC 246-236-001 Purpose and scope.** (1) The purpose of this chapter is to:

(a) Establish requirements for the issuance of a license authorizing the use of sealed sources containing radioactive materials in irradiators used to irradiate objects or materials using gamma radiation;

(b) Establish radiation safety requirements for operating irradiators.

(2) This chapter applies to panoramic or beam-type irradiators that have either dry or wet storage of the radioactive sealed sources and to underwater irradiators in which both the source and the product being irradiated are under water.

(3) This chapter applies to irradiators whose dose rates exceed five grays (five hundred rads) per hour at one meter from the radioactive sealed sources in air or in water, as applicable for the irradiator type.

(4) This chapter does not apply to self-contained dry-source-storage irradiators (those in which both the source and the area subject to irradiation are contained within a device and are not accessible by personnel), medical radiology or teletherapy, radiography (the irradiation of materials for nondestructive testing purposes), gauging, or open-field (agricultural) irradiations.

(5) The requirements of this chapter apply to applications and licenses subject to this chapter and are in addition to other requirements of the following chapters:

(a) Chapter 246-220 WAC, Radiation protection—General provisions;

(b) Chapter 246-221 WAC, Radiation protection standards;

(c) Chapter 246-222 WAC, Radiation protection—Worker rights;

(d) Chapter 246-231 WAC, Packaging and transportation of radioactive material;

(e) Chapter 246-232 WAC, Radioactive material—Licensing applicability;

(f) Chapter 246-235 WAC, Radioactive materials—Specific licenses;

(g) Chapter 246-237 WAC, Radiation protection—Physical protection of category 1 and category 2 quantities of radioactive material; and

(h) Chapter 246-254 WAC, Radiation protection—Fees.

(6) Nothing in this chapter relieves the licensee from complying with other applicable federal, state, and local regulations governing the siting, zoning, land use, and building code requirements for industrial facilities.

[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, § 246-236-001, filed 7/9/18, effective 8/9/18.]