

Purpose and scope.

- (A) This chapter contains 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. This chapter also contains radiation safety requirements for operating irradiators. The requirements of this chapter are in addition to other requirements of Chapter 3748. of the Revised Code or any rules adopted pursuant to Chapter 3748. of the Revised Code which apply to applications and licenses pursuant to this chapter. 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.
- (B) The rules in this chapter apply to panoramic 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. Irradiators whose dose rates exceed five gray (five hundred rad) per hour at one meter from the radioactive sealed sources in air or in water, as applicable for the irradiator type, are covered by this chapter.
- (C) The rules in this chapter do 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 for human medical use, radiography (the irradiation of materials for nondestructive testing purposes), gauging, or open-field (agricultural) irradiations.

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CERTIFIED ELECTRONICALLY

Certification

10/25/2016

Date

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