

641—37.1(136C) General provisions.

37.1(1) Except as otherwise specifically exempted, the provisions of this chapter apply to all persons who receive, possess, use, transfer, own, or acquire any source of radiation. However, nothing in these rules shall apply to the extent that such persons are subject to regulation by the U.S. Nuclear Regulatory Commission. Attention is directed to the fact that regulation by the state of source material, byproduct material, and special nuclear material in quantities not sufficient to form a critical mass is subject to the provisions of the agreement between the state and the U.S. Nuclear Regulatory Commission and to 10 CFR Part 150 of the Commission's regulations as amended to August 1, 2025.

37.1(2) All persons possessing radiation machines within the state shall be registered in accordance with this chapter, except as specifically exempted.

37.1(3) No person shall receive, possess, use, transfer, own, or acquire radioactive material, except as authorized in a specific or general license issued pursuant to this chapter or as otherwise provided in these rules.

37.1(4) This chapter establishes standards for protection against ionizing radiation resulting from activities conducted pursuant to licenses or registrations issued by the department. These rules are issued pursuant to the authority in Iowa Code sections 136C.3 and 136C.4.

37.1(5) The requirements of this chapter are designed to control the receipt, possession, use, transfer, and disposal of radiation sources by any licensee or registrant to ensure that the total radiation dose to any individual, excluding background radiation, does not exceed the standards for protection against radiation prescribed in this chapter.

37.1(6) The limits in this chapter do not apply to doses from background radiation, medical exposures for diagnosis or therapy, or voluntary participation in medical research. Nothing in this chapter shall be construed as limiting actions that may be necessary to protect public health and safety.

37.1(7) In addition to complying with the requirements set forth in this chapter, every reasonable effort should be made to maintain radiation exposures and releases of radioactive material in effluents to unrestricted areas as low as is reasonably achievable (ALARA).

37.1(8) The requirements of this chapter are in addition to, and not in substitution for, any other applicable provisions of 641—Chapters 38 through 42. Compliance with the most stringent applicable requirements, whether found in this chapter or in 641—Chapters 38 through 42, is required.

37.1(9) The provisions in this chapter pertaining to radioactive materials are consistent with the requirements of 10 CFR Parts 19 and 20 (as amended to August 1, 2025) and as referenced in 641—Chapter 39. Accordingly, the provisions of 641—Chapter 39 apply to corresponding rules and subrules of this chapter.

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