

**CHAPTER 226. LICENSES AND RADIATION SAFETY  
REQUIREMENTS FOR WELL LOGGING**

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**PARTICLE ACCELERATORS**

226.61. Particle accelerators.

**Authority**

The provisions of this Chapter 226 issued and amended under sections 301 and 302 of the Radiation Protection Act (35 P. S. § 7110.301 and § 7110.302); and section 1920-A of The Administrative Code of 1929 (71 P. S. § 510-20), unless otherwise noted.

**Source**

The provisions of this Chapter 226 adopted December 18, 1987, effective December 19, 1987, 17 Pa.B. 5235, unless otherwise noted.

**Cross References**

This chapter cited in 25 Pa. Code § 78.111 (relating to abandonment); 25 Pa. Code § 215.32 (relating to exemption qualifications); and 25 Pa. Code § 217.1 (relating to purpose and scope).

**GENERAL**

**§ 226.1. Purpose and scope.**

This chapter establishes radiation safety requirements for persons using radiation sources for well logging in a single well, radioactive markers, uranium sinker bars and subsurface tracer studies. Persons who use radiation sources for well

logging operations shall comply with this chapter, which is in addition to and not in substitution for other applicable requirements of this article, in particular, the requirements of Chapters 215, 217—220, 228 and 230.

**Source**

The provisions of this § 226.1 amended September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial page (203978).

**§ 226.2. [Reserved].**

**Source**

The provisions of this § 226.2 reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial pages (203978) to (203979).

**§ 226.3. [Reserved].**

**Source**

The provisions of this § 226.3 adopted December 18, 1987, effective December 19, 1987, 17 Pa. B. 5235; amended June 19, 1992, effective June 20, 1992, 22 Pa. B. 3135; reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial page (203979).

**§ 226.3a. Abandonment of a sealed source.**

In addition to incorporation by reference of 10 CFR 39.15 and 39.77 (relating to agreement with well owner or operator; and notification of incidents and lost sources; abandonment procedures for irretrievable sources), the requirements of § 78.111 (relating to abandonment) shall also be met.

**Source**

The provisions of this § 226.3a adopted September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239; amended July 16, 2004, effective July 17, 2004, 34 Pa.B. 3823. Immediately preceding text appears at serial page (282428).

**§ 226.4. Incorporation by reference.**

(a) Except as provided in this chapter, the requirements of 10 CFR Part 39 (relating to licenses and radiation safety requirements for well logging) are incorporated by reference.

(b) Notwithstanding the requirements incorporated by reference, 10 CFR 39.5, 39.8, 39.101 and 39.103 are not incorporated by reference.

**Source**

The provisions of this § 226.4 adopted September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239.

**§ 226.5. Effect of incorporation of 10 CFR Part 39.**

To reconcile differences between this chapter and the incorporated sections of 10 CFR Part 39, the following words and phrases shall be substituted for the language in 10 CFR Part 39 as follows:

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- (1) A reference to “NRC” or “Commission” means Department.
- (2) A reference to “NRC or agreement state” means Department, NRC or agreement state.
- (3) The definition of “sealed source” includes NARM.
- (4) The definition of “licensed material” includes NARM.
- (5) Notifications, reports and correspondence referenced in the incorporated parts of 10 CFR shall be directed to the Department and, for NRC licenses, to the NRC until agreement state status is in effect.

**Source**

The provisions of this § 226.5 adopted September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239.

**§ 226.11. [Reserved].**

**Source**

The provisions of this § 226.11 amended November 17, 1995, effective November 18, 1995, 25 Pa.B. 5085; reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial pages (203979) to (203980).

**§ 226.12. [Reserved].**

**Source**

The provisions of this § 226.12 reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial page (203980).

**§ 226.13. [Reserved].**

**Source**

The provisions of this § 226.13 amended November 17, 1995, effective November 18, 1995, 25 Pa.B. 5085; reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial page (203980).

**§ 226.14. [Reserved].**

**Source**

The provisions of this § 226.14 adopted December 18, 1987, effective December 19, 1987, 17 Pa. B. 5235; amended June 19, 1992, effective June 20, 1992, 22 Pa. B. 3135; amended November 17, 1995, effective November 18, 1995, 25 Pa.B. 5085; reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial pages (203980) to (203981).

**§§ 226.15—226.19. [Reserved].**

**Source**

The provisions of these §§ 226.15—226.19 reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial pages (203982) to (203984).

**§§ 226.21—226.23. [Reserved].****Source**

The provisions of these §§ 226.21—226.23 reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial pages (203984) to (203985).

**§§ 226.31—226.33. [Reserved].****Source**

The provisions of these §§ 226.31—226.33 reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial page (203985).

**§ 226.34. [Reserved].****Source**

The provisions of this § 226.34 amended November 17, 1995, effective November 18, 1995, 25 Pa.B. 5085; reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial pages (203985) to (203986).

**§§ 226.41—226.43. [Reserved].****Source**

The provisions of these §§ 226.41—226.43 reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial pages (203986) to (203987).

**§ 226.51. [Reserved].****Source**

The provisions of this § 226.51 adopted December 18, 1987, effective December 19, 1987, 17 Pa. B. 5235; amended June 19, 1992, effective June 20, 1992, 22 Pa. B. 3135; reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial pages (203987) to (203989).

**PARTICLE ACCELERATORS****§ 226.61. Particle accelerators.**

(a) A licensee or registrant may not permit aboveground testing of particle accelerators designed for use in well logging which results in the production of radiation, except in areas or facilities controlled or shielded so that the requirements of 10 CFR 20.1301 (relating to radiation dose to dose limits for individual members of the public) are met.

(b) The use of particle accelerators for well logging shall be conducted under the licensing provisions of Chapter 228 (relating to radiation safety requirements for particle accelerators).

**Source**

The provisions of this § 226.61 adopted September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239.

**APPENDIX A. [Reserved]****Source**

The provisions of this Appendix A reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial page (203990).

**APPENDIX B. [Reserved]****Source**

The provisions of this Appendix B reserved September 14, 2001, effective September 15, 2001, 31 Pa.B. 5239. Immediately preceding text appears at serial page (203991).

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