

CHAPTER 72  
NEW INSTALLATIONS

[Prior to 9/24/86, Labor, Bureau of [530]]  
[Prior to 10/21/98, see 347—Ch 72]

**875—72.1(89A) Purpose and scope.** This chapter contains rules of safety standards covering the design, construction, installation, operation, inspection, testing, maintenance, alteration and repair of facilities.

**72.1(1)** As used in this chapter, ANSI A17.1 and ANSI C1 shall mean ANSI A17.1 (1971) and ANSI C1-1975 for all facilities installed from January 1, 1975, through December 31, 1982, and ANSI A17.1 (1981) and ANSI C1-1981 for all facilities installed from January 1, 1983, through December 31, 1992, and ASME A17.1 (1990) and ANSI/NFPA 70 (1990) for all facilities installed after January 1, 1993.

**72.1(2)** As used in this chapter, ASME A17.1 shall mean the American Society of Mechanical Engineers Safety Code for Elevators and Escalators A17.1 (1999) for all facilities installed after January 1, 2001.

**72.1(3)** As used in this chapter and referred to in ASME A17.1, ASME A18.1 shall mean the Safety Standard for Platform Lifts and Stairway Chairlifts ASME A18.1 (1999), except chapters 4, 5, 6, and 7, and ANSI/NFPA 70 shall mean ANSI/NFPA 70 (1999), article 620, for all facilities installed after January 1, 2001.

**72.1(4)** As used in this chapter, ANSI A117.1 shall mean the Accessible and Usable Buildings and Facilities ANSI A117.1 (1980) for facilities installed prior to January 1, 2001, and ANSI A117.1 Accessible and Usable Buildings and Facilities (1998) for all facilities installed January 1, 2001, and after.

**72.1(5)** Any installation which is in compliance with the latest supplements to ASME A17.1 shall be considered to be in compliance with this chapter. As used in this rule, the word “installed” refers to the date of written contractual agreement to install a facility.

**875—72.2(89A) Definitions.** The definitions contained in section 3 of the introduction and subsequent interpretations of ASME A17.1 and ANSI/NFPA 70, article 100, shall be applicable as used in this chapter to the extent that they do not conflict with the definitions contained in Iowa Code chapter 89A.

**875—72.3(89A) Hoistways, hoistway enclosures and related construction for electric elevators.** The provisions contained in ASME A17.1, part I, are adopted by reference.

**875—72.4(89A) Machinery and equipment for electric elevators.** The provisions contained in ASME A17.1, part II, are adopted by reference.

**875—72.5(89A) Hydraulic elevators.** The provisions contained in ASME A17.1, part III, are adopted by reference. On hydraulic elevator installations, a scavenger pump or other acceptable means shall be provided, designed to carry excess oil from the cylinder packing gland back to the oil storage tank of the elevator.

**875—72.6(89A) Power sidewalk elevators.** The provisions contained in ASME A17.1, part IV, are adopted by reference.

**875—72.7(89A) Hand elevators.** Rescinded IAB 3/7/01, effective 4/11/01.

**875—72.8(89A) Hand and power dumbwaiters.** The provisions contained in ASME A17.1, part VII, are adopted by reference.

**875—72.9(89A) Escalators.** The provisions contained in ASME A17.1, part VIII, are adopted by reference.

**875—72.10(89A) Moving walks.** The provisions contained in ASME A17.1, part IX, are adopted by reference.

**875—72.11(89A) Acceptance and periodic tests and inspections of elevators, dumbwaiters, escalators and moving walks.** The provisions contained in ASME A17.1, part X, except rules 1000.1, 1000.1a, 1000.1b, and all of rule 1001, are adopted by reference.

**875—72.12(89A) Engineering and type tests.** The provisions contained in ASME A17.1, part XI, are adopted by reference.

**875—72.13(89A) Alterations, repairs, replacements and maintenance.** The provisions contained in ASME A17.1, part XII, are adopted by reference.

**875—72.14(89A) Design data and formulas.** The provisions contained in ASME A17.1, part XIII, are adopted by reference.

**875—72.15(89A) Power-operated special purpose elevators.** The provisions contained in ASME A17.1, part XV, are adopted by reference.

**875—72.16(89A) Inclined and vertical wheelchair lifts.** The provisions contained in ASME Safety Standard for Platform Lifts and Stairway Chairlifts A18.1, sections 1, 2, 3, 8, 9, and 10, are adopted by reference for all inclined and vertical wheelchair lifts.

**875—72.17(89A) Hand-powered elevators.** Hand-powered elevators shall not be installed after January 1, 1983.

**875—72.18(89A) Accommodating the physically disabled.** All passenger elevators installed between January 1, 1975, and December 31, 1982, which are available and intended for public use shall be usable by the physically disabled. All passenger elevators shall have control buttons with identifying features for the benefit of the blind and shall allow for wheelchair traffic. All passenger elevators installed on or after January 1, 1983, which are accessible to the general public shall comply with Accessible and Usable Buildings and Facilities ANSI A117.1, sections 4.10.1-4.10.14.

**875—72.19(89A) Limited-use/limited-application elevators.** The provisions contained in ASME A17.1, part XXV, are adopted by reference.

**875—72.20(89A) Rack and pinion elevators.** The provisions contained in ASME A17.1, part XVI, are adopted by reference.

**875—72.21(89A) Inclined elevators.** The provisions contained in ASME A17.1, part XVII, are adopted by reference.

**875—72.22(89A) Screw columns elevators.** The provisions contained in ASME A17.1, part XVIII, are adopted by reference.

**875—72.23(89A) Elevators used for construction.** The provisions contained in ASME A17.1, part XIX, are adopted by reference only as they pertain to elevators utilizing permanent equipment in a permanent location.

These rules are intended to implement Iowa Code chapter 89A.

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