

ARTICLE 21.8 SAFETY CODES FOR ELEVATORS, ESCALATORS, MANLIFTS AND HOISTS

Platform and Stairway Chair Lifts

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Rule 8. Platform and Stairway Chair Lifts

675 IAC 21-8-1 Adoption by reference

Authority: IC 22-13-2-13

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15

Sec. 1. That certain document, being titled as ASME A18.1 2005, Safety Standard for Platform Lifts and Stairway Chairlifts, published by the American Society of Mechanical Engineers, Three Park Avenue, New York, New York 10016, is hereby adopted by reference and made a part of this rule as if fully set out herein, save and except those additions, deletions, and amendments as are made in section 2 of this rule. (*Fire Prevention and Building Safety Commission; 675 IAC 21-8-1; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1093; filed Nov 16, 2006, 4:04 p.m.: 20061213-IR-675050050FRA; filed Mar 14, 2011, 10:22 a.m.: 20110413-IR-675090871FRA*)

675 IAC 21-8-2 Amendments to adopted code

Authority: IC 22-13-2-13

Affected: IC 10-19; IC 22-12; IC 22-14; IC 22-15; IC 36-7-2-9; IC 36-8-17-8

Sec. 2. (a) Amend Section 1.1.3 to read as follows: Except as provided in Section 10.1.1 and Section 10.1.2.1, this standard applies to new installations and alterations.

(b) Delete Section 1.1.4, Effective Date, in its entirety without substitution.

(c) In Section 1.2, Purpose and Exceptions, delete the third paragraph in its entirety without substitution.

(d) In Section 1.3, Definitions, change the definitions to read as follows:

APPROVED means, as to materials, equipment, products, and construction, acceptance by authority having jurisdiction by one (1) of the following methods:

(A) Investigation or tests conducted by recognized authorities.

(B) Investigation or tests conducted by technical or scientific organizations.

(C) Accepted principles.

The investigation, tests, or principles shall establish that the materials, equipment, products, and construction are safe for their intended purposes.

AUTHORITY HAVING JURISDICTION means the division, the local building official as authorized under IC 36-7-2-9, and the local ordinance or the fire department as authorized under IC 36-8-17-8.

BUILDING CODE means the Indiana Building Code (675 IAC 13), for Class 1 structures except townhouses, or the Indiana Residential Code (675 IAC 14), for Class 2 structures and townhouses, in effect at the time of the construction, addition, or alteration of the building or structure.

CERTIFIED means approved.

DEPARTMENT means the Indiana Department of Homeland Security created in accordance with IC 10-19.

DIVISION means the Division of Fire and Building Safety of the Department.

LABELED means equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization engaged in product evaluation, that maintains periodic inspection of production of labeled equipment or materials, and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

LISTED means equipment or materials included in a list published by an organization engaged in product evaluation that maintains periodic inspection of production of listed equipment or materials and whose listing states either that the equipment or material meets appropriate standards or has been tested and found suitable for use in a specified manner.

ELECTRICAL CODE means the Indiana Electrical Code (675 IAC 17) in effect at the time of construction, installation, remodeling, or alteration of the equipment.

(e) Add a new paragraph to Section 1.4 to read as follows: Where ANSI A117.1-1998 is used in this standard, it shall mean Chapter 11 of the Indiana Building Code (675 IAC 13). Where ANSI/NFPA 70 is used, it shall mean the Indiana Electrical Code (675 IAC 17). Where "building code" is used, it shall mean the Indiana Building Code (675 IAC 13). In Table 1.5-1, "latest edition" means the edition that is in effect on November 1, 2009, except that, for those codes that are adopted in this article, "latest edition" means the edition that has been adopted into this article.

- (f) Add a new Section 2.1.1.9 to read as follows: All keys associated with runways installed in accordance with 2.1.1 shall be placed in a heavy metal enclosure. All such keys shall be clearly identified. The enclosure shall be conspicuously located and identified by a sign stating "FOR EMERGENCY USE ONLY". All such enclosures shall be equipped with a seven (7) pin cylindrical lock opened by a common key SI-2. Only responding fire department officers, the authority having jurisdiction, and the elevator contractor shall be permitted to retain keys for such enclosures.
- (g) Amend Section 2.3.1.6 by adding a third paragraph to read as follows: If a winding drum is used, it shall have no more than one (1) layer of rope.
- (h) Amend the next to last sentence in Section 2.6.7 to delete "over" and insert "adjacent".
- (i) Amend Section 2.11.3 to read as follows: If the audible signaling device(s) or the means of two-way conversation, or both, are connected to the building power supply, they shall automatically transfer to a source of standby or emergency power upon failure of the normal power supply. This standby or emergency power source shall be capable of providing for the operation of the audible signaling device and illumination of the alarm switch for at least one (1) hour and the means of two-way conversation for at least four (4) hours.
- (j) Amend Section 3.3.1.6 by adding a third paragraph to read as follows: If a winding drum is used, it shall have not more than one (1) layer of rope.
- (k) Amend Section 4.3.1.3 by adding a third paragraph to read as follows: If a winding drum is used, it shall have not more than one (1) layer of rope.
- (l) In Section 10, delete "Routine" in the title and in the following paragraph.
- (m) Delete Section 10.1.1 and insert the following: 10.1.1. Routine inspections. The owner or the owner's authorized agent shall have routine inspections and tests performed annually. Such routine inspections and tests shall be performed on all existing vertical platform lifts, inclined platform lifts, and incline stairway chairlifts. The testing shall be attested to by a qualified inspector. This qualified inspector shall sign an attestation for each test that reads, "I hereby attest under penalty for perjury that:
- (A) all of the tests required by 10.1.1 have been completed by persons qualified to perform such services; and
- (B) the regulated lifting device conforms to all applicable rules of the commission in effect at the time of installation and all rules of the commission applicable to and for each alteration."
- (n) Add a new Section 10.1.1.2 to read as follows: Periodic inspections. Periodic inspections shall be made by the authority having jurisdiction at a frequency determined by the authority having jurisdiction.
- (o) Amend the title of Section 10.1.2 to delete "Inspections and".
- (p) Amend Section 10.1.2.1 to read as follows: The one-year test requirements under 10.3.1, the three-year test requirements under 10.3.2, and the five-year test requirements under 10.3.3 shall be attested to by a qualified inspector. This qualified inspector shall sign an attestation for each test that reads, "I hereby attest under penalty for perjury that:
- (A) all of the tests required by 10.3.1, 10.3.2, or 10.3.3 have been completed by persons qualified to perform such services; and
- (B) the regulated lifting device conforms to all applicable building and equipment rules in effect at the time of installation and all applicable building and equipment rules effective as applicable to and for each alteration."
- (q) Amend Section 10.1.2.2 to read as follows: The owner or his/her authorized agent shall have all of the tests required by paragraph 10.3 made by a person qualified to perform such service.
- (r) Delete section 10.1.2.3 without substitution.
- (s) Amend Section 10.1.3.1 to read as follows: A licensed inspector must conduct the acceptance inspection. A licensed inspector employed by the enforcement authority may conduct the acceptance inspection. If the enforcement authority chooses not to make this inspection, a third party licensed inspector shall make the acceptance inspection in accordance with the following:
- (1) This third party inspector shall sign an attestation for each test that reads, "I hereby attest under penalty for perjury that:
- (A) all of the tests required by paragraphs 10.4 or 10.5 have been completed in my presence by persons qualified to perform such services; and
- (B) the regulated lifting device conforms to all applicable building and equipment rules in effect at the time of installation and all applicable building and equipment rules effective as applicable to and for each alteration."
- (2) The third party licensed inspector that performs the acceptance inspection shall not be an employee of the elevator contractor that installed or altered the regulated lifting device or that is performing the required tests.
- (t) Amend Section 10.1.3.2 to read as follows: The person installing or altering the equipment shall perform all of the tests required by paragraphs 10.4 or 10.5 in the presence of the enforcement authority or a qualified inspector.
- (u) Delete Section 10.1.3.3 without substitution.
- (v) Delete Section 10.2.1 without substitution.
- (w) Amend Section 10.2.2 to read as follows: Routine inspections and tests shall include where applicable the following:
- (x) In paragraph 10.3, delete "Inspections and" in the title and amend the following paragraph to read as follows: Periodic Tests Periods.
- (a) In addition to the requirements of 10.1.1 and the routine inspections and tests identified in paragraph 10.2, the

applicable inspections and tests specified in paragraph 10.3.1 shall be performed in intervals not longer than one (1) year, the applicable inspections and tests specified in paragraph 10.3.2 shall be made at intervals not longer than three (3) years, and the applicable inspections and tests specified in paragraph 10.3.3 shall be made at intervals not longer than five (5) years.

(b) The inspections and tests described in (a) above shall be performed on all existing vertical platform lifts, inclined platform lifts, and inclined stairway chairlifts.

(Fire Prevention and Building Safety Commission; 675 IAC 21-8-2; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1093; filed Nov 16, 2006, 4:04 p.m.: 20061213-IR-675050050FRA; filed Mar 14, 2011, 10:22 a.m.: 20110413-IR-675090871FRA)