

ARTICLE 21. SAFETY CODES FOR ELEVATORS, ESCALATORS, MANLIFTS AND HOISTS

Rule 1. Administration

675 IAC 21-1-1 Installation and alteration permit; registration; application; expiration

Authority: IC 22-13-2-13; IC 22-15-5-2

Affected: IC 22-13; IC 22-14; IC 22-15-5-3

Sec. 1. (a) An installation permit is required prior to commencement of work for an installation of a new regulated lifting device. An alteration permit is required prior to commencement of work for an alteration to an existing regulated lifting device.

(b) An application for an installation or alteration permit shall be made to the office of the state building commissioner on forms provided by the office. Each application shall contain the following:

(1) The name, address, e-mail address, and fax number of the elevator contractor that will be installing or altering the regulated lifting device, and if applicable, the license number of the elevator contractor.

(2) The name, address, and e-mail address of the owner of the building in which the new regulated lifting device is being installed or the existing regulated lifting device is being altered.

(3) The name, address, and e-mail address of the user of the regulated lifting device.

(4) All information required under IC 22-15-5-3(c) for registration of the regulated lifting device. This includes the following for the regulated lifting device:

(A) The type.

(B) The rated load and speed.

(C) The name of the manufacturer.

(D) The location.

(E) The nature of use.

(5) Complete plans, including:

(A) copies of specifications and accurately scaled and fully dimensioned plans showing the location of the installation in relation to the plans and elevation of the building;

(B) plans showing the location of the machine room and the equipment to be installed, relocated, or altered;

(C) plans showing the structural supporting members, including foundations; and

(D) a specification of all materials employed and loads to be supported or conveyed.

These plans must be sufficient to show that the installation or alteration will comply with all applicable equipment laws and must be sufficiently complete to illustrate all details of construction and design.

(6) The required fee.

(7) The affirmations by the appropriate signatories as required under section 1.5 of this rule.

(Fire Prevention and Building Safety Commission; 675 IAC 21-1-1; filed Aug 30, 1985, 11:52 a.m.: 9 IR 38, eff Oct 1, 1985; filed Sep 27, 1989, 4:30 p.m.: 13 IR 285; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1083)

675 IAC 21-1-1.5 Signatories; affirmation

Authority: IC 22-13-2-13

Affected: IC 22-13; IC 22-14; IC 22-15-5-3

Sec. 1.5. (a) All signatories to an application shall be determined as follows:

(1) For a corporation, the signatory shall be a responsible corporate officer. For the purpose of this section, a responsible corporate officer means a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function, or any other person who performs similar policymaking or decision-making functions for the corporation.

(2) For a partnership or sole proprietorship, the signatory shall be a general partner or the proprietor, respectively.

(3) For a municipality, state, or other public agency, the signatory shall be a principal executive officer or ranking elected official.

(b) Alternatively, a duly authorized representative of a signatory listed under subsection (a) may be the signatory on the application. A person is a duly authorized representative only if:

(1) the authorization is made in writing by an individual described in subsection (a);

(2) the authorization specifies either an individual or a position having responsibility for the regulated lifting device such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall

responsibility for building and fire safety matters for the company; and

(3) the written authorization is submitted to the office, if requested.

(c) The elevator contractor that is responsible for the installation or alteration of the regulated lifting device shall make the following affirmation on an application for an installation or alteration permit: "I affirm, under penalty of perjury, the following:

(1) This document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

(2) The regulated lifting device will be installed or altered in accordance with all applicable statutes and rules adopted by the commission and will not be changed from the design specified in the plans and specifications submitted with the application and released by the office.

(3) All individuals installing or altering the regulated lifting device:

(A) have sufficient background, knowledge, skills, and training to install or alter, inspect, and maintain the regulated lifting device;

(B) have the training and expertise necessary to recognize and report any condition that could result in the unsafe operation of the regulated lifting device;

(C) are provided with sufficient ongoing training to reasonably ensure that the individuals are proficient in the standards affecting regulated lifting devices that have been adopted by the commission; and

(D) possess the requisite authority and are required to immediately suspend the operation of the regulated lifting device upon discovering a condition that could result in the unsafe operation of the regulated lifting device, and to report the discovery of such a condition to the office."

(d) The designated signatories shall make the following affirmation on an application for an initial or renewal operating certificate:

(1) The owner of the building in which the regulated lifting device is located shall make an affirmation that reads, "I affirm, under penalty of perjury, the following:

(A) This document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

(B) The regulated lifting device will be maintained and repaired in accordance with all applicable statutes and rules adopted by the commission.

(C) If an elevator contractor performed the safety tests of the regulated lifting device, this contractor was chosen under my direction and to the best of my knowledge and belief, after exercising due diligence, has the expertise necessary to install or alter the regulated lifting device in accordance with the rules adopted by the commission.

(D) I hereby grant the authority to and require all individuals employed by either the elevator contractor or the owner to immediately suspend the operation of the regulated lifting device upon discovering a condition that could result in the unsafe operation of the regulated lifting device, and to report the discovery of such a condition to the office."

(2) If an elevator contractor performed the safety tests of the regulated lifting device, this contractor shall make an affirmation that reads, "I affirm, under penalty of perjury, the following:

(A) This document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

(B) The regulated lifting device is in compliance with all applicable equipment and building laws.

(C) All individuals responsible for performing these safety tests of the regulated lifting device:

(i) have sufficient background, knowledge, skills, and training to perform these tests on the regulated lifting device;

(ii) have the training and expertise necessary to recognize and report any condition that could result in the unsafe operation of the regulated lifting device;

(iii) are provided with sufficient ongoing training to reasonably ensure that the individuals are proficient in the standards affecting regulated lifting devices that have been adopted by the commission; and

(iv) possess the requisite authority and are required to immediately suspend the operation of the regulated lifting device upon discovering a condition that could result in the unsafe operation of the regulated lifting device, and to report the discovery of such a condition to the office.”

(Fire Prevention and Building Safety Commission; 675 IAC 21-1-1.5; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1084)

675 IAC 21-1-2 Variances; interpretations (Repealed)

Sec. 2. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)*

675 IAC 21-1-2.1 Inspection and test periods (Repealed)

Sec. 2.1. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)*

675 IAC 21-1-3 Acceptance inspections (Repealed)

Sec. 3. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)*

675 IAC 21-1-3.1 Operating certificate; display; location

Authority: IC 22-13-2-13; IC 22-15-5-4; IC 22-15-5-5

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

Sec. 3.1. (a) A regulated lifting device may not be operated without an operating certificate that covers the operation of the regulated lifting device. However, an individual who is performing maintenance on, repairing, installing, or altering the regulated lifting device may use the regulating lifting device without an operating certificate to the extent necessary to complete the work and required testing.

(b) The office shall issue an initial operating certificate for a regulated lifting device if:

(1) the applicant for the operating certificate has:

(A) demonstrated through an acceptance inspection and tests that the regulated lifting device complies with the laws governing its construction, repair, maintenance, and operation. This acceptance inspection must be conducted by a licensed inspector;

(B) submitted a notice of compliance/completion to the office that has been completed and signed and affirmed by the appropriate signatory as required under section 1.5 of this rule;

(C) paid the required fee; and

(2) been inspected by the office and the office has determined that the regulated lifting device complies with the laws governing its construction, repair, maintenance, and operation.

(c) The office shall issue a renewal operating certificate for a regulated lifting device if the applicant:

(1) demonstrates through the completion of applicable safety tests that the regulated lifting device complies with the laws governing the construction, repair, maintenance, and operation of the regulated lifting device; and

(2) has paid the required fee.

(d) Upon receiving an initial or renewal operating certificate, a copy of the initial or renewal operating certificate shall be displayed in or on each regulated lifting device or in an associated machine room. *(Fire Prevention and Building Safety Commission; 675 IAC 21-1-3.1; filed Sep 27, 1989, 4:30 p.m.: 13 IR 286; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1085)*

675 IAC 21-1-4 Periodic inspections; reports; compliance orders (Repealed)

Sec. 4. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)*

675 IAC 21-1-5 Existing installations; maintenance

Authority: IC 22-13-2-13

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

Sec. 5. All existing installations for which an operating permit is in effect shall be maintained in a safe operating condition or shall be taken out of service. All parts of existing installations upon which safe operation is dependent, shall be maintained in proper working order. Broken, worn or otherwise defective components shall be promptly replaced. All electrical equipment and communication systems shall be maintained in a serviceable condition. *(Fire Prevention and Building Safety Commission; 675 IAC 21-1-5; filed Aug 30, 1985, 11:52 am: 9 IR 39, eff Oct 1, 1985; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530)*

675 IAC 21-1-6 Limited certificates of operation (Repealed)

Sec. 6. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)*

675 IAC 21-1-7 Accident reports and investigations

Authority: IC 22-13-2-13

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

Sec. 7. (a) An accident involving a regulated lifting device shall be reported by the owner of the regulated lifting device within twenty-four (24) hours after the accident has occurred. This initial report shall contain, to the extent available, the information specified in subsection (b)(1) through (b)(8).

(b) The owner shall submit a final written accident report to the office as soon as possible after the accident has occurred, but in any event no later than two (2) weeks after the date of the accident. The following information shall be included in the final written accident report:

- (1) Registration number of the regulated lifting device.
- (2) Owner and operator of the regulated lifting device.
- (3) The names, address, and phone numbers of all persons responsible for the maintenance or repair of the regulated lifting device.
- (4) Location of the regulated lifting device.
- (5) Names, addresses, and phone numbers of any persons injured.
- (6) Date and time of the accident.
- (7) Operating condition of the installation as known.
- (8) Brief details of the accident.
- (9) Police report, if it exists.
- (10) Fire department report, if it exists.
- (11) Emergency medical report, if it exists.
- (12) Any other emergency response reports.

(c) The office may request, and the owner shall provide, any additional records and information which in any way relate to an accident and shall assist the office in the investigation of any accident.

(d) The following definitions apply throughout this section:

- (1) "Accident" means any occurrence involving a regulated lifting device in which:
 - (A) one (1) or more individuals are fatally injured or require medical treatment; or
 - (B) the damage to the regulated lifting device exceeds two thousand five hundred dollars (\$2,500).
- (2) "First aid" means any one-time treatment, and any follow-up visit for the purpose of observation, of minor scratches, cuts, burns, splinters, and so forth, which do not ordinarily require medical care. Such one-time treatment, and follow-up visit for the purpose of observation, is considered first aid even though provided by a physician or registered professional personnel.
- (3) "Medical treatment" includes treatment administered by a physician or by registered professional personnel under the standing orders of a physician (including emergency medical technicians, advanced emergency medical technicians, and paramedics). Medical treatment does not include first aid treatment even though provided by a physician or registered professional personnel.

(Fire Prevention and Building Safety Commission; 675 IAC 21-1-7; filed Aug 30, 1985, 11:52 a.m.: 9 IR 39, eff Oct 1, 1985; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1086)

675 IAC 21-1-8 Fee schedule (Repealed)

Sec. 8. *(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)*

675 IAC 21-1-9 Title

Authority: IC 22-13-2-13

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

Sec. 9. All codes and standards adopted or established in this article shall collectively be known as the Indiana Elevator Safety Code, 2002 edition. *(Fire Prevention and Building Safety Commission; 675 IAC 21-1-9; filed Aug 30, 1985, 11:52 a.m.: 9 IR 40, eff Oct 1, 1985; filed Sep 27, 1989, 4:30 p.m.: 13 IR 287; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1086)*

675 IAC 21-1-10 Definitions

Authority: IC 22-13-2-13

Affected: IC 22-12; IC 22-13; IC 22-14; IC 22-15-5-11

Sec. 10. (a) The definitions in this section apply throughout this article.

(b) "Licensed inspector" means an individual licensed as an elevator inspector under IC 22-15-5-11. Prior to March 1, 2003, a qualified inspector may perform any inspection required to be conducted by a licensed inspector.

(c) "Qualified inspector" means an individual:

(1) certified by an organization accredited by ASME in accordance with the requirements of ASME QEI-1; or

(2) certified by an organization that the authority having jurisdiction has determined has equivalent requirements and conditions as ASME QEI-1 for obtaining and retaining such certification.

(Fire Prevention and Building Safety Commission; 675 IAC 21-1-10; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1086)

Rule 2. Elevators Installed Prior to January 1, 1975 (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)

Rule 3. Elevator Safety Code

675 IAC 21-3-1 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 ANSI/ASME A17.1, 2000, Safety Code for Elevators and Escalators, 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 21-3-1; filed Aug 30, 1985, 11:52 a.m.: 9 IR 41, eff Oct 1, 1985; filed Mar 6, 1986, 3:00 p.m.: 9 IR 1658; errata, 9 IR 2063; filed Sep 27, 1989, 4:30 p.m.: 13 IR 288; errata filed Nov 15, 1989, 5:00 p.m.: 13 IR 675; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1087)*

675 IAC 21-3-2 Amendments to adopted code

Authority: IC 22-13-2-13

Affected: IC 22-12-1-22; IC 22-12-2-10; IC 22-13-2-10; IC 22-14; IC 22-15; IC 36-7

Sec. 2. (a) Explanatory material, in the form of notes, that is not part of a table, figure, or graph, is not a part of this standard and is not enforceable as part of this rule.

(b) Delete subsection 1.1.4 Effective Date, without substitution.

(c) Delete section 1.2 Purpose and Exceptions, without substitution.

(d) Amend section 1.3 Definitions to read as follows:

(1) Add a definition to read as follows: NFPA 70 means the Indiana Electrical Code (675 IAC 17).

(2) Add a definition to read as follows: ANSI A117.1 means the Indiana Building Code, Chapter 11, Part 1 (675 IAC 13).

(3) Change the definition of approved to read as follows: APPROVED means, as to materials, equipment, products, and construction, acceptance by the 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.

(4) Change the definition of authority having jurisdiction to read as follows: AUTHORITY HAVING JURISDICTION means the office of the state building commissioner or officer of a local unit of government empowered by law to administer and enforce the rules of the commission as set forth at IC 22-13-2-10.

(5) Change the definition of building code to read as follows: 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.

(6) Change the definition of certified to read as follows: CERTIFIED means approved.

(7) Change the definition of elevator to read as follows: ELEVATOR means a regulated lifting device as defined in IC 22-12-1-22.

(8) Change the definition of labeled/marked to read as follows: LABELED 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.

(9) Change the definition of listed/certified to read as follows: LISTED. 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.

(10) Change the definition of regulatory authority to read as follows: REGULATORY Authority: See AUTHORITY HAVING JURISDICTION.

(e) Delete the text in section 2.27.8 Switch Keys, and substitute as follows: The emergency operation keys, machine room door keys, and hoistway door unlocking devices 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 fire officials, the authority having jurisdiction, and the elevator contractor shall be permitted to retain keys for such enclosures.

(f) Delete sections 5-3, 5-4, and 5-9 without substitution.

(g) Amend section 6.1.1.1 Protection Required to read as follows: Floor openings for escalators shall be protected against the passage of flame, heat, and/or smoke in accordance with the Indiana Building Code, 675 IAC 13.

(h) Amend subsection 6.1.2.1 Protection Required as follows:

(1) Delete "of NFPA 101, whichever is applicable (see Chapter 9)".

(2) Delete "adequate" and insert "required".

(i) Amend section 6.2.1.1 Protection Required, to read as follows: Where a moving walk penetrates a building floor, the opening shall be protected against the passage of flame, heat, and/or smoke in accordance with the provisions of the Indiana Building Code, 675 IAC 13.

(j) Amend subsection 6.2.2.1 Protection Required as follows:

(1) Delete "of NFPA 101, whichever is applicable (see Chapter 9)".

(2) Delete "adequate" and insert "required".

(k) Amend subsection 7.1.1.1 by deleting the second sentence.

(l) Amend subsection 7.1.8.2 as follows: Requirement 2.8.2.3 does not apply. Sprinklers shall be permitted in the hoistway when conforming to NFPA 13 (675 IAC 13-1). All sprinkler risers and returns shall be located outside the hoistway.

(m) Amend subsection 8.6.1.4.2 Record Availability as follows: Add "and the AUTHORITY HAVING JURISDICTION" to the end of the section.

(n) Amend subsection 8.10.1.1.1 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

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- to make this inspection, a third party licensed inspector shall make the acceptance inspection in accordance with the following:
- (1) This third party licensed 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 8.10.2, 8.10.3, 8.10.4, or 8.10.5 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 codes in effect at the time of installation and all applicable building and equipment codes 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.
 - (o) Delete section 8.10.1.1.3 in its entirety without substitution.
 - (p) Delete section 8.10.5.2 in its entirety without substitution.
 - (q) Delete section 8.11.1.1 in its entirety without substitution.
 - (r) Amend section 8.11.1.1.2(a) to read as follows: A qualified inspector shall attest to the Category 1, Category 3, and Category 5 Periodic Test Requirements. This qualified inspector shall sign an attestation for each test that reads, "I hereby attest under penalty for perjury that:
 - (A) all of the required tests have been completed by persons qualified to perform such services; and
 - (B) the regulated lifting device conforms to all applicable building and equipment codes in effect at the time of installation and all applicable building and equipment codes effective as applicable to and for each alteration."
 - (s) Amend section 8.11.1.1.2(b) to read as follows: The owner or the owner's authorized agent shall have all of the tests required by 8.11.2, 8.11.3, 8.11.4, and 8.11.5 made by persons qualified to perform such service. For the Category 1, Category 3, and Category 5 Test Requirements, the owner or the owner's authorized agent shall have these tests attested to by a qualified inspector in the manner specified in 8.11.1.1.2(a).
 - (t) Amend section 8.11.1.3 to read as follows: The frequency of periodic inspections shall be established by the authority having jurisdiction and the frequency of periodic tests shall be as established in the Indiana Elevator Safety Code (675 IAC 21).
 - (u) Delete section 8.11.2.1 Periodic Inspection Requirements in its entirety without substitution.
 - (v) Delete section 8.11.3.1 Periodic Inspection Requirements in its entirety without substitution.
 - (w) Delete section 8.11.4.1 in its entirety without substitution.
 - (x) Delete section 8.11.5.2 in its entirety without substitution.
 - (y) Delete section 8.11.5.13.1 in its entirety without substitution.
 - (z) In section 9, the following definitions are applicable:
 - (1) Except as specified in subdivision (2), "latest edition" means the edition that is in effect on October 1, 2002.
 - (2) For those codes that are adopted in this article, "latest edition" means the edition that has been adopted into this article.
 - (aa) Delete the following appendices without substitution:
 - (1) Appendix D.
 - (2) Appendix E.
 - (3) Appendix H.
 - (4) Appendix J.
 - (5) Appendix K.
 - (6) Appendix L.
 - (7) Appendix M.
 - (8) Appendix O.
 - (bb) Appendix N is adopted and amended as follows: In Table N1, delete without substitution, both columns under Periodic Inspections.
 - (cc) The following appendices are adopted:
 - (1) Appendix A.
 - (2) Appendix B.
 - (3) Appendix C.
 - (4) Appendix F.
 - (5) Appendix G.
 - (6) Appendix I.

(Fire Prevention and Building Safety Commission; 675 IAC 21-3-2; filed Aug 30, 1985, 11:52 a.m.: 9 IR 41, eff Oct 1, 1985; filed

Nov 14, 1986, 9:22 a.m.: 10 IR 873, eff Jan 1, 1987; filed Sep 27, 1989, 4:30 p.m.: 13 IR 288; filed Feb 23, 1995, 11:00 a.m.: 18 IR 1832; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1087)

675 IAC 21-3-3 Classification and availability of rule (Repealed)

Sec. 3. *(Repealed by Fire Prevention and Building Safety Commission; filed Sep 27, 1989, 4:30 p.m.: 13 IR 290)*

Rule 4. Personnel Hoists

675 IAC 21-4-1 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 ANSI A10.4, 1990, American National Standard Safety Requirements for Personnel Hoists and Employee Elevators for Construction and Demolition Operations, published by the National Safety Council, 444 North Michigan Avenue, Chicago, Illinois 60611, is hereby adopted by reference and made a part of this section 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 21-4-1; filed Aug 30, 1985, 11:52 a.m.: 9 IR 42, eff Oct 1, 1985; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1090)*

675 IAC 21-4-2 Amendments to adopted standard

Authority: IC 22-13-2-13

Affected: IC 22-12; IC 22-13-2-10; IC 22-14; IC 22-15-5; IC 25-31; IC 25-4

Sec. 2. (a) Explanatory material, in the form of notes, that is not part of a table, figure, or graph, is not a part of this standard and is not enforceable as part of this Indiana Elevator Safety Code.

(b) Delete section 1.3, Exceptions, without substitution.

(c) Delete section 2, References, without substitution.

(d) In section 3, Definitions, make the following changes:

(1) Change the definition of APPROVED to read as follows: APPROVED means as to materials, equipment, and types of construction, acceptance by the authority having jurisdiction by one (1) of the following methods:

(1) Investigation or tests conducted by recognized authorities.

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

(3) Accepted principles.

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

(2) Add the following definitions:

AUTHORITY HAVING JURISDICTION means the office of the state building commissioner or officer of a local unit of government empowered by law to administer and enforce the rules of the commission as set forth at IC 22-13-2-10.

ENFORCING AUTHORITY means the office of the state building commissioner or officer of a local unit of government empowered by law to administer and enforce the rules of the commission as set forth at IC 22-13-2-10.

GOVERNING AUTHORITY means the office of the state building commissioner or officer of a local unit of government empowered by law to administer and enforce the rules of the commission as set forth at IC 22-13-2-10.

DESIGN PROFESSIONAL means an architect registered under IC 25-4 or a professional engineer registered under IC 25-31.

(e) Amend section 4 to read as follows: Permanent passenger or freight elevators under construction, modification, or demolition may be used for carrying workers or materials or both provided that the elevators are approved for such use by the authority having jurisdiction in accordance with IC 22-15-5 and the Indiana Elevator Safety Code.

(f) In subsection 5.4.3, delete “qualified professional engineer” and “qualified engineer” and insert “design professional” for each.

(g) In subsection 8.1.3, make the following changes:

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- (1) Delete “American National Standard National Electrical Code, ANSI/NFPA 70-1990” and insert “the Indiana Electrical Code (675 IAC 17)”.
- (2) In the last sentence, delete “ANSI/NFPA 70-1990” and insert “the Indiana Electrical Code (675 IAC 17)”.
- (h) In subsection 14.3.1, delete “Part II, section 201, Rule 201.4 of ANSI/ASME A17.1-1987” and insert “section 2.22.4 of ANSI/ASME A17.1-2000 as adopted by the Indiana Elevator Safety Code”.
- (i) In subsection 24.3.1, make the following change: In the last sentence, delete “ANSI/NFPA 70-1990” and insert “the Indiana Electrical Code (675 IAC 17)”.
- (j) In subsection 24.4, make the following change: delete “ANSI/NFPA 70-1987” and insert “the Indiana Electrical Code (675 IAC 17)”.
- (k) In subsection 26.1.1, in the second sentence, delete “A similar inspection” and insert “An acceptance inspection”.
- (l) In subsection 26.1.2, make the following amendments:
- (1) In the title, delete “Initial and Periodic Installation”.
- (2) Delete the first paragraph and insert the following: A licensed inspector must conduct the acceptance inspection and witness the full load tests required by 26.1.1. A licensed inspector employed by the authority having jurisdiction may conduct the acceptance inspection and witness these full load tests. If the authority having jurisdiction chooses not to make this inspection and witness this test, a third party licensed inspector shall conduct the required acceptance inspection and witness the full load test.
- (3) In the third paragraph, delete “can be performed by state, local, licensed authority or the manufacturer.” and insert “may be performed by a licensed inspector employed by the authority having jurisdiction. If the authority having jurisdiction chooses not to make this inspection, it shall be performed by a third party licensed inspector”.
- (4) In the fourth paragraph, insert a period after “equipment” and delete “in the presence of an inspector employed by the enforcement authority” and insert “The enforcement authority may require that these tests be conducted in the presence of a licensed inspector employed by the enforcement authority. If the enforcement authority chooses not to be present for these tests, the tests shall be performed in the presence of a third party licensed inspector.”.
- (m) In subsection 26.1.3, add the following at the end of the sentence: The owner or the owner’s authorized agent shall have all of the required acceptance tests made by persons qualified to perform such service. The enforcement authority may require that the acceptance tests be performed in the presence of a licensed inspector employed by the enforcement authority. If the enforcement authority chooses not to be present, then these tests shall be performed in the presence of a third party licensed inspector. The third party licensed inspector shall not be an employee of the elevator contractor that installed or altered the regulated lifting device or that is performing the required tests. The third party licensed inspector shall sign an attestation for each test that reads, “I hereby attest under penalty for perjury that:
- (A) all of the required acceptance tests 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 codes in effect at the time of installation and all applicable building and equipment codes effective as applicable to and for each alteration.”.
- (n) In section 26.3, delete “Part X, Section 1000, Rule 1000.3 of ANSI/ASME A17.1-1988” and insert “Section 8.10.2.2.5(c) of ANSI/ASME A17.1-2000 as adopted by the Indiana Elevator Safety Code (675 IAC 21)”.
- (o) Delete subsections 26.4.1 and replace it with the following: 26.4.1 Periodic Inspections. Periodic inspections shall be made by an inspector employed by the governing authority. The governing authority shall establish the frequency of these periodic inspections.
- (p) Delete subsection 26.4.2 and replace it with the following: 26.4.2 General Requirements for Periodic Tests.
- (1) Periodic tests shall be attested to by a qualified inspector.
- (2) The qualified inspector identified in 26.4.2(1) shall sign an attestation for each periodic test for each regulated lifting device that reads, “I hereby attest under penalty for perjury that:
- (A) all of the periodic tests required by this standard have been completed by persons qualified to perform such services; and
- (B) the regulated lifting device conforms to all applicable building and equipment codes in effect at the time of installation and all applicable building and equipment codes effective as applicable to and for each alteration.”.
- (3) The owner or the owner’s authorized agent shall have all of the required periodic tests made by persons qualified to perform such service and shall have these tests attested to by a qualified inspector in the manner specified in 26.4.2(2).
- (q) Delete subsection 26.4.3 and replace it with the following: 26.4.3 Frequency of Periodic Tests. Periodic tests of hoists shall

be made at intervals not to exceed three (3) months.

(r) In subsection 26.4.4, in the title, delete “Inspections and”.

(s) In subsection 26.4.5, in the title, delete “Inspections and”.

(t) In subsection 26.4.6, in the title, delete “Inspection” and insert “Test”.

(u) In subsection 26.4.7, in the title, delete “Inspection” and insert “Test”.

(v) In subsection 26.5, in the last sentence, delete “and” and insert “but the installation must be”.

(w) Delete section 29 in its entirety without substitution. (*Fire Prevention and Building Safety Commission; 675 IAC 21-4-2; filed Aug 30, 1985, 11:52 a.m.: 9 IR 42, eff Oct 1, 1985; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1090*)

675 IAC 21-4-3 Classification and availability of rule (Repealed)

Sec. 3. (*Repealed by Fire Prevention and Building Safety Commission; filed Sep 27, 1989, 4:30 p.m.: 13 IR 290*)

Rule 5. Manlifts

675 IAC 21-5-1 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 ANSI A90.1, 1997, Safety Standard for Belt Manlifts, 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 section as if fully set out herein, save and except those additions, deletions, and amendments as are made in section 3 of this rule. (*Fire Prevention and Building Safety Commission; 675 IAC 21-5-1; filed Aug 30, 1985, 11:52 a.m.: 9 IR 43, eff Oct 1, 1985; filed Sep 27, 1989, 4:30 p.m.: 13 IR 290; readopted filed Sep 11, 2001, 2:49 p.m.: 25 IR 530; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1092*)

675 IAC 21-5-2 Classification and availability of rule (Repealed)

Sec. 2. (*Repealed by Fire Prevention and Building Safety Commission; filed Sep 27, 1989, 4:30 p.m.: 13 IR 290*)

675 IAC 21-5-3 Amendments to adopted standard

Authority: IC 22-13-2-13

Affected: IC 22-12; IC 22-13-2-10; IC 22-14; IC 22-15

Sec. 3. (a) Explanatory material, in the form of notes, that is not part of a table, figure, or graph, is not a part of this standard and is not enforceable as part of the Indiana Elevator Safety Code (675 IAC 21).

(b) In section 1.2 Purpose, delete the second sentence.

(c) In section 1.3 Application, revise (c) to read as follows: This standard applies to new installations. Existing belt manlifts shall be inspected, tested and maintained in accordance with the code or standard in effect at the time of installation and the manufacturer’s instructions.

(d) Delete paragraph 1.4, Exceptions, without substitution.

(e) In section 2 References, add the following: When the term ANSI/NFPA 70-1984 is used it shall mean the Indiana Electrical Code (675 IAC 17).

(f) In section 3, Definitions, add the following definitions: INDIANA ELECTRICAL CODE means the Electrical Code in effect in Indiana at the time of construction, installation, remodeling, or alteration of the equipment.

(g) In paragraph 8.1, Acceptance and Annual Tests, delete the Note and the first sentence and insert the following:

(A) On completion of the manlift installation, an acceptance test shall be performed by the owner, manufacturer, or installer (under no circumstances shall be humans be used as weights for testing). The enforcement authority may require that these tests be conducted in the presence of a licensed inspector employed by the enforcement authority. If the enforcement authority chooses not to be present at these tests, these tests shall be conducted in the presence of a third party licensed inspector. The

third party licensed inspector shall not be an employee of the elevator contractor that installed or altered the regulated lifting device or that is performing the required tests. The third party licensed inspector shall sign an attestation for each test that reads, "I hereby attest under penalty for perjury that:

- (1) all of the required acceptance tests have been completed in my presence by persons qualified to perform such services; and
- (2) the regulated lifting device conforms to all applicable building and equipment codes in effect at the time of installation and all applicable building and equipment codes effective as applicable to and for each alteration."

(B) The same series of tests as outlined in this paragraph shall be performed by the owner annually. These annual tests shall be attested to by a qualified inspector. This qualified inspector shall sign an attestation for each annual test of each manlift that reads, "I hereby attest under penalty for perjury that:

- (1) all of the required tests have been completed by persons qualified to perform such services; and
- (2) the manlift conforms to all applicable building and equipment codes in effect at the time of installation and all applicable building and equipment codes effective as applicable to and for each alteration."

(h) In paragraph 8.2, Periodic Inspection, in the title delete "Periodic" and insert "Routine".

(i) In subsection 8.2.1, Frequency, add the following sentence at the end of the subsection: A qualified inspector shall attest to these tests. This qualified inspector shall sign an attestation for each test of each manlift that reads, "I hereby attest under penalty for perjury that:

- (1) all of the required tests have been completed by persons qualified to perform such services; and
- (2) the manlift conforms to all applicable building and equipment codes in effect at the time of installation and all applicable building and equipment codes effective as applicable to and for each alteration."

(j) In subsection 8.2.2, delete "periodic" and insert "routine".

(k) Appendices A and B of this standard are not adopted, are not enforceable, and are for guidance purposes only. (*Fire Prevention and Building Safety Commission; 675 IAC 21-5-3; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1092*)

Rule 6. Sewage Lift Station Personnel Hoists (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)

Rule 7. Handpowered Personnel Hoists (Repealed)

(Repealed by Fire Prevention and Building Safety Commission; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1095)

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 A18.1a, 2001 (Addenda to ASME 18.1-1999), Safety Standard for Platform and Stairway Chair Lifts, 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*)

675 IAC 21-8-2 Amendments to adopted code

Authority: IC 22-13-2-13

Affected: IC 22-12; IC 22-13-2-10; IC 22-14; IC 22-15

Sec. 2. (a) In section 1.1.1, change the fourth sentence to read as follows: Except as specifically allowed in 2.7.1, the device shall not penetrate more than one (1) floor.

(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 office of the state building commissioner or officer of a local unit of government empowered by law to administer and enforce the rules of the commission as set forth at IC 22-13-2-10.

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.

LABELED 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 stands 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 A117.1-1986 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 the term "building code" is used, it shall mean the Indiana Building Code (675 IAC 13). In Table 1.4-1, "latest edition" means the edition that is in effect on October 1, 2002, except that for those codes that are adopted in this article, "latest edition" means the edition that has been adopted into this article.

(f) 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 cable.

(g) Amend the third sentence in section 2.7.1 to read: The travel shall not exceed thirty (30) feet, and may penetrate more than one (1) floor.

(h) 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.

(i) In section 10, delete "Routine" in the title and in the following paragraph.

(j) Delete section 10.1.1 and insert the following: 10.1.1. Periodic inspections. Periodic inspections shall be made by the authority having jurisdiction at a frequency determined by the authority having jurisdiction.

(k) Amend the title of section 10.1.2 to delete "Inspections and".

(l) 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 codes in effect at the time of installation and all applicable building and equipment codes effective as applicable to and for each alteration."

(m) 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.

(n) Delete section 10.1.2.3 without substitution.

(o) 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

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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 a 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 codes in effect at the time of installation and all applicable building and equipment codes 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.

(p) 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.

(q) Delete section 10.1.3.3 without substitution.

(r) Delete section 10.2.1 without substitution.

(s) Amend section 10.2.2 to read as follows: Routine inspections and tests shall include where applicable the following:

(t) In paragraph 10.3, delete "Inspections and" in the title and amend the following paragraph to read as follows: Periodic Tests Periods. In addition to 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. (*Fire Prevention and Building Safety Commission; 675 IAC 21-8-2; filed Dec 3, 2002, 3:05 p.m.: 26 IR 1093*)

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