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**TITLE 675 FIRE PREVENTION AND BUILDING  
SAFETY COMMISSION**

**Proposed Rule**  
LSA Document #05-50

DIGEST

Amends 675 IAC 21, the safety code for elevators, escalators, manlifts, and hoists, to make substantive and technical changes, including changes to reference updated standards, to adopt ASME A17.1, 2004 edition, Safety Code for Elevators and Escalators, to adopt ASME A17.3, 2002 edition, Safety for Existing Elevators and Escalators, to adopt ASME QEI-1, 2004 Edition, Standard for Qualification of Elevator Inspectors, to adopt ASCE 21, Part 1, 1996; Part 2, 1998; and Part 3, 2000, Standard for Automated People Movers, to adopt ANSI/ASME A18.1, 2003 edition, Safety Standard for Platform and Stairway Chairlifts, to adopt ANSI A10.4, 2004 edition, Safety Requirements for Personnel Hoist and Employee Elevators American National Standard for Construction and Demolition Operations, and to adopt ASME A90.1, 2003 edition, Safety Standard for Belt Manlifts. Effective 30 days after filing with the Secretary of State.

**675 IAC 21-1-10**  
**675 IAC 21-3-1**  
**675 IAC 21-3-2**  
**675 IAC 21-4-1**  
**675 IAC 21-4-2**  
**675 IAC 21-5-1**  
**675 IAC 21-5-3**  
**675 IAC 21-8-1**  
**675 IAC 21-8-2**  
**675 IAC 21-9**  
**675 IAC 21-10**  
**675 IAC 21-11**

SECTION 1. 675 IAC 21-1-10 IS AMENDED TO READ AS FOLLOWS:

**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) “Elevator work” means the:**

**(1) installation;**

**(2) alteration;**

**(3) maintenance;**

**(4) repair;**

**(5) replacement; or**

**(6) placement of an elevator out of service as described in Section 8.11.1.4 of 675 IAC 21-3-2;**

**of any regulated lifting device. The term does not include demolition, hole drilling, or monthly fire service testing as described in Section 8.6.10.1 of 675 IAC 21-3-2.**

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

(e) (d) “Qualified inspector” means an individual **certified by an organization:**

- (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 the~~ certification.

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

SECTION 2. 675 IAC 21-3-1 IS AMENDED TO READ AS FOLLOWS:

#### **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; 2004~~, 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)*

SECTION 3. 675 IAC 21-3-2 IS AMENDED TO READ AS FOLLOWS:

#### **675 IAC 21-3-2 Amendments to adopted code**

**Authority: IC 22-13-2-13**

**Affected: IC 10-19; 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:

- (1) a part of this standard; and ~~is not~~
- (2) enforceable as part of this rule.

**(b) Delete subsection 1.1.3 in its entirety and substitute the following: 1.1.3 Application of Code**

**(a) Except as provided in (b) and (c) below, this Code applies to new installations only.**

**(b) Part 1 and Section 5.10, Section 8.6, Section 8.7, Section 8.8, Section 8.9, Section 8.10, and Section 8.11 apply to new and existing installations.**

**(c) Section 8.1 applies to any installation for which an installation permit was received by the Department on or after January 3, 2003.**

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

~~(e)~~ (d) Delete Section 1.2, Purpose and Exceptions, ~~without substitution:~~ **in its entirety and substitute the following: 1.2 Keys**  
**All keys associated with the equipment described in Section 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.**

~~(d)~~ (e) 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) Add a definition to read as follows: Department means the Indiana Department of Homeland Security created in accordance with IC 10-19.**

**(4) Add a definition to read as follows: Division means the Division of Fire and Building Safety of the Department.**

~~(e)~~ (5) 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)~~ **(6)** Change the definition of AUTHORITY HAVING JURISDICTION to read as follows: AUTHORITY HAVING JURISDICTION means the ~~office of the state building commissioner~~ **Division** 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)~~ **(7)** 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)~~ **(8)** Change the definition of CERTIFIED to read as follows: CERTIFIED means “approved”.

~~(7)~~ **(9)** Change the definition of ELEVATOR to read as follows: ELEVATOR means a regulated lifting device as defined in IC 22-12-1-22.

~~(8)~~ **(10)** Change the definition of LABELED/MARKED to read as follows: 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.

~~(9)~~ **(11)** 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)~~ **(12)** 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) Deleted Section 2.2.2.5 in its entirety without substitution.**

**(g) Amend Section 3.4.5(b) to insert, after the word “assemblies”, “, any hydraulic jack”.**

~~(h)~~ **(h)** Delete Sections 5-3, 5-4, **5.8**, and 5-9 without substitution.

~~(g)~~ **(i)** 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)~~ **(j)** 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)~~ **(k)** 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)~~ **(l)** 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)~~ **(m)** Amend subsection 7.1.1.1 by deleting the second sentence.

~~(l)~~ **(n)** 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)~~; **as adopted by the commission at the time of installation of the elevator.** All sprinkler risers and returns shall be located outside the hoistway.

**(o) Delete Sections 7.4, 7.5, and 7.6 without substitution.**

~~(m)~~ **(p)** Amend subsection 8.6.1.4.2, Record Availability, as follows: Add “and the AUTHORITY HAVING JURISDICTION” to the end of the section.

**(q)** Amend the first sentence of Section 8.6.1.5.1 to read as follows: For installations for which installation permit applications were received by the Department on or after January 3, 2003, a data plate that indicates the applicable rule of the commission in effect at the time of installation and any alteration (see 8.7.1.8) shall be provided.

**(r)** Amend Section 8.6.1.6.3(a) to read as follows: For installations for which installation permit applications were received by the Department on or after January 3, 2003, up-to-date wiring diagrams detailing circuits of all electrical protective devices (see 2.26.2) and critical operating circuits (see 2.26.3), where such diagrams are available from the original equipment manufacturer, shall be available in the machine room.

**(s)** Amend Section 8.6.3.11 as follows:

**(1)** Add at the end of the first sentence “, and such replacements shall be subjected to the relief valve setting testing described in Section 8.11.3.2.1”.

**(2)** Add a second sentence as follows: Documentation of such testing shall be maintained with the maintenance records on site for review by the Division.

**(t)** Amend Section 8.6.5.4 to insert the following at the end of the sentence, “contained in the manufacturer’s specifications”.

**(u)** Amend Section 8.6.5.6 to add the following at the end of the section: Such replacements shall be subjected to the relief valve setting testing described in Section 8.11.3.2.1 and Section 8.11.3.2.4. Documentation of such testing shall be maintained with the maintenance records on site for review by the division.

**(v)** Amend Section 8.7.2.11.5 to read as follows:

**(a)** Except as provided in (b) below, where a device that restricts the opening of hoistway doors or car doors is altered or installed, the device shall conform to 2.12.5.

**(b)** Platform guards shall comply with 2.15.9 to the greater of:

- (1)** the leveling or truck zone, plus 75 mm (3 in.); or
- (2)** the extent the existing pit shall permit.

**(w)** Amend Section 8.7.2.20 to read as follows:

**(a)** The requirements of 2.19 shall be conformed to where a device for protection against ascending car overspeed and unintended car movement is altered or installed.

**(b)** The requirements of 2.15.9 shall be conformed to where a device for protection against ascending car overspeed and unintended car movement is altered or installed to the greater of:

- (1)** the leveling or truck zone, plus 75 mm (3 in.); or
- (2)** the extent the existing pit shall permit.

**(x)** Amend Section 8.7.5.7 to delete “the entire installation” and substitute “only the work contained in the alteration”.

**(y)** Amend Section 8.7.7.2 in the first sentence to delete the word “elevator” and insert the words “material lift”.

~~(n)~~ **(z)** 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 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~~) **(aa)** Delete Section 8.10.1.1.3 in its entirety without substitution.

(~~p~~) **(bb)** Delete Section 8.10.5.2 in its entirety without substitution.

(~~q~~) **(cc)** Delete Section 8.11.1.1 in its entirety without substitution.

(~~r~~) **(dd)** 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~~) **(ee)** 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~~) **(ff)** 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~~) **(gg)** Delete Section 8.11.2.1, Periodic Inspection Requirements, in its entirety without substitution.

(~~v~~) **(hh)** Delete Section 8.11.3.1, Periodic Inspection Requirements, in its entirety without substitution.

**(ii) Amend Section 8.11.3.2.1 to read as follows: Relief Valve Setting and System Pressure Test. The relief valve setting shall be tested to determine that it will bypass the full output of the pump before the pressure exceeds 125% of the working pressure for elevators installed before January 3, 2003, and 150% of the working pressure for elevators that were installed after January 3, 2003, and that the system will withstand this pressure. It shall be sealed if the relief valve setting is altered or if the seal is broken.**

(~~w~~) **(jj)** Delete Section 8.11.4.1 in its entirety without substitution.

(~~x~~) **(kk)** Delete Section 8.11.5.2 in its entirety without substitution.

(~~y~~) **(ll)** Delete Section 8.11.5.13.1 in its entirety without substitution.

(~~z~~) **(mm)** 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~~; **November 1, 2006**.

(2) For those codes that are adopted in this article, "latest edition" means the edition that has been adopted into this article.

(~~aa~~) **(nn)** 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~~) **(oo)** Appendix N is adopted and amended as follows: In Table N1, delete without substitution, both columns under Periodic

Inspections.

(cc) (pp) The following appendices are adopted:

- (1) Appendix A.
- (2) Appendix B.
- (3) Appendix C.
- (4) Appendix F.
- (5) Appendix G.
- (6) Appendix I.
- (7) **Appendix P.**

(qq) Delete Appendix L and insert the following:

ASME A17.1-2004

NONMANDATORY APPENDIX L

INDEX OF ALTERATION REQUIREMENTS FOR ELECTRIC ELEVATORS, HYDRAULIC ELEVATORS, ESCALATORS, AND MOVING WALKS

| Item  | Electric Elevators   | Hydraulic Elevators | Escalators and Moving Walks | Permit required |
|---|----------------------|---------------------|-----------------------------|-----------------|
| Access doors and openings                                   | 8.7.2.7.3            | 8.7.2.7.3           | 8.7.6.1.14, 8.7.6.2.14      | yes             |
| Access switch and unlocking devices                         | 8.7.2.11.4           | 8.7.3.11            |                             | yes             |
| Addition of automatic transfer device (DW.& Material lifts) | 8.7.7.2              | 8.7.7.2             |                             | yes             |
| Addition of auxiliary rope-fastening devices                | 8.7.2.21.3           |                     |                             | yes             |
| Addition of elevator to existing hoistway                   | 8.7.2.1.2            | 8.7.2.1.2           |                             | yes             |
| Addition of rope equalizers                                 | 8.7.2.21.2.          | 8.7.3.25.2          |                             | yes             |
| Anti-creep leveling device                                  |                      | 8.7.3.31.3          |                             | yes             |
| Ascending car overspeed and unintended movement             | 8.7.2.20             |                     |                             | yes             |
| Auxiliary power lowering operation                          |                      | 8.7.3.31.9          |                             | yes             |
| Car and counterweight buffers and bumpers                   | 8.7.2.23             | 8.7.3.27            |                             | yes             |
| Car door or gate  | 8.7.2.14             | 8.7.3.13            |                             | yes             |
| Car enclosure   | 8.7.2.14, 8.7.2.27.7 | 8.7.3.13            |                             | yes             |
| Car frame and platform                                      | 8.7.2.15.1           | 8.7.3.14            |                             | yes             |
| Car leveling or truck zoning devices                        | 8.7.2.27.2           | 8.7.3.31.2          |                             | yes             |
| Car and counterweight safeties                              | 8.7.2.18             | 8.7.3.15            |                             | yes             |
| Carrying of passengers on freight elevators                 | 8.7.2.16.3           | 8.7.3.19            |                             | yes             |
| Change in class of loading                                  | 8.7.2.16.2           | 8.7.3.18            |                             | yes             |
| Change in location of hydraulic jack                        |                      | 8.7.3.23.5          |                             | yes             |
| Change in power supply                                      | 8.7.2.27.3           | 8.7.3.31.4          |                             | yes             |
| Change in ropes   | 8.7.2.21.1           | 8.7.3.25.1          |                             | yes             |
| Change in type of motion control                            | 8.7.2.27.5           | 8.7.3.31.6          |                             | yes             |
| Change in type of operation control                         | 8.7.2.27.6           | 8.7.3.31.7          |                             | yes             |
| Change in type of service                                   | 8.7.2.16.1           | 8.7.3.17            |                             | yes             |
| Combplates  |                      |                     | 8.7.6.1.8, 8.7.6.2.8        | yes             |
| Construction at bottom of hoistway                          | 8.7.2.1.4            | 8.7.2.1.4           |                             | yes             |
| Construction at top of hoistway                             | 8.7.2.1.3            | 8.7.2.1.3           |                             | yes             |
| Construction requirements (escalators and moving walks)     |                      |                     | 8.7.6.1.5, 8.7.6.2.5        | yes             |
| Control of smoke and hot gases                              | 8.7.2.1.5            | 8.7.2.1.5           |                             | yes             |
| Controller  | 8.7.2.27.4           | 8.7.3.31.5          |                             | yes             |
| Counterweights  | 8.7.2.22             | 8.7.3.26            |                             | yes             |

|  |            |             |                        |     |
|--|------------|-------------|------------------------|-----|
| Counterweight, location and guarding of                    | 8.7.2.3    | 8.7.3.3     |                        | yes |
| Cylinder   |            | 8.7.3.23.3  |                        | yes |
| Decrease in rated speed                                    | 8.7.2.17.3 | 8.7.3.22.3  |                        | yes |
| Door reopening device                                      | 8.7.2.13   | 8.7.2.13    |                        | yes |
| Driving machine and sheaves                                | 8.7.2.25.1 | 8.7.3.23    | 8.7.6.1.12, 8.7.6.2.12 | yes |
| Driving machine, change in location of                     | 8.7.2.25.2 |             |                        | yes |
| Dumbwaiters without automatic transfer devices             | 8.7.7.1    | 8.7.7.1     |                        | yes |
| Electrical equipment, wiring, pipes, ducts in HW.& M.R.    | 8.7.2.8    | 8.7.3.8     |                        | yes |
| Emergency operations and signaling devices                 | 8.7.2.28   | 8.7.3.31.8  |                        | yes |
| Entrance and egress escalator and moving walk              |            |             | 8.7.6.1.15             | yes |
| Entrance, horizontal slide type                            | 8.7.2.10.2 | 8.7.2.10.2  |                        | yes |
| Entrance, swing type                                       | 8.7.2.10.4 | 8.7.2.10.4  |                        | yes |
| Entrance, vertical slide type                              | 8.7.2.10.3 | 8.7.2.10.3  |                        | yes |
| Entrance, general requirement, emergency door              | 8.7.2.10.1 | 8.7.3.10    |                        | yes |
| General requirements, escalators and moving walks          |            |             | 8.7.6.1.1, 8.7.6.2.1   | yes |
| Guide rails, supports, and fastenings                      | 8.7.2.24   | 8.7.3.28    |                        | yes |
| Hand elevators   |            | 8.7.4.3     |                        | yes |
| Handrails (escalators and moving walks)                    |            |             | 8.7.6.1.6, 8.7.6.2.6   | yes |
| Headroom, machine room                                     | 8.7.2.7.4  | 8.7.2.7.4   |                        | yes |
| Hoistway enclosure walls                                   | 8.7.2.1.1  | 8.7.3.1     |                        | yes |
| Horizontal car and counterweight clearances                | 8.7.2.5    | 8.7.3.5     |                        | yes |
| Illumination in car  | 8.7.2.14   | 8.7.3.13    |                        | yes |
| In-car stop switch   |            | 8.7.3.31.10 |                        | yes |
| Inclined elevators   | 8.7.5.1    | 8.7.5.1     |                        | yes |
| Increase or decrease in deadweight of car                  | 8.7.2.15.2 | 8.7.3.21    |                        | yes |
| Increase in rated load                                     | 8.7.2.16.4 | 8.7.3.20    |                        | yes |
| Increase in rated speed                                    | 8.7.2.17.2 | 8.7.3.22.2  |                        | yes |
| Increase or decrease in travel                             | 8.7.2.17.1 | 8.7.3.22.1  |                        | yes |
| Increase in working pressure                               |            | 8.7.3.23.4  |                        | yes |
| Interlocks   | 8.7.2.11.1 | 8.7.3.11    |                        | yes |
| Jack, hydraulic  |            | 8.7.3.23.1  |                        | yes |
| Lighting, access, and electrical work (esc. & moving walk) |            |             | 8.7.6.1.14, 8.7.6.2.14 | yes |
| Lighting of machine room                                   | 8.7.2.7.6  | 8.7.3.7     |                        | yes |
| Machine room and machinery spaces, enclosures              | 8.7.2.7.1  | 8.7.3.7     |                        | yes |
| Machinery and sheave beams, supports and foundations       | 8.7.2.9    | 8.7.3.9     |                        | yes |
| Material lift with automatic transfer device               | 8.7.7.3    | 8.7.7.3     |                        | yes |
| Means of access to machine room or machinery space         | 8.7.2.7.2  | 8.7.2.7.2   |                        | yes |
| Mechanical lock and electric contact                       | 8.7.2.11.2 | 8.7.3.11    |                        | yes |
| Operating and safety devices                               |            |             | 8.7.6.1.13, 8.7.6.2.13 | yes |
| Parking device   | 8.7.2.11.3 | 8.7.3.11    |                        | yes |
| Pit  | 8.7.2.2    | 8.7.3.2     |                        | yes |
| Plunger  |            | 8.7.3.23.2  |                        | yes |
| Plunger gripper  |            | 8.7.3.23.7  |                        | yes |
| Power operation of hoistway door                           | 8.7.2.12   | 8.7.3.12    |                        | yes |

|   |            |            |                        |     |
|---|------------|------------|------------------------|-----|
| Protection of floor openings                          |            |            | 8.7.6.1.3, 8.7.6.2.3   | yes |
| Protection of space below hoistway                    | 8.7.2.6    | 8.7.3.6    |                        | yes |
| Protection of truss and machinery spaces against fire |            |            | 8.7.6.1.4, 8.7.6.2.4   | yes |
| Rack and pinion                                       | 8.7.4.1    |            |                        | yes |
| Rated load and speed                                  |            |            | 8.7.6.1.11, 8.7.6.2.11 | yes |
| Relocation of escalator                               |            |            | 8.7.6.1.2              | yes |
| Relocation of hydraulic machine (power unit)          |            | 8.7.3.23.6 |                        | yes |
| Relocation of moving walk                             |            |            | 8.7.6.2.2              | yes |
| Restricted opening of doors                           | 8.7.2.11.5 | 8.7.2.11.5 |                        | yes |
| Roof top elevators                                    | 8.7.5.6    | 8.7.5.6    |                        | yes |
| Screw column elevators                                | 8.7.4.2    |            |                        | yes |
| Sidewalk elevators                                    | 8.7.5.5    | 8.7.5.5    |                        | yes |
| Signaling device                                      | 8.7.2.28   | 8.7.3.31.8 |                        | yes |
| Special purpose elevators                             | 8.7.5.7    |            |                        | yes |
| Speed governors and governor ropes                    | 8.7.2.19   | 8.7.3.16   |                        | yes |
| Step system   |            |            | 8.7.6.1.7              | yes |
| Supply piping and fittings                            |            | 8.7.3.24   |                        | yes |
| Tank  |            | 8.7.3.29   |                        | yes |
| Terminal stopping device                              | 8.7.2.26   | 8.7.3.30   |                        | yes |
| Top of car operating device                           | 8.7.2.27.1 | 8.7.3.31.1 |                        | yes |
| Track system  |            |            | 8.7.6.1.10, 8.7.6.2.10 | yes |
| Treadway system                                       |            |            | 8.7.6.2.7              | yes |
| Trusses and girders                                   |            |            | 8.7.6.1.9, 8.7.6.2.9   | yes |
| Valves, pressure piping, and fittings                 |            | 8.7.3.24   |                        | yes |
| Ventilation of machine room or machinery spaces       | 8.7.2.7.7  | 8.7.2.7.7  |                        | yes |
| Vertical car and counterweight clearances and runbys  | 8.7.2.4    | 8.7.3.4    |                        | yes |
| Window and skylight in machine room                   | 8.7.2.7.5  | 8.7.2.7.5  |                        | yes |

*(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)*

SECTION 4. 675 IAC 21-4-1 IS AMENDED TO READ AS FOLLOWS:

**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~~, **2004**, 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)*

SECTION 5. 675 IAC 21-4-2 IS AMENDED TO READ AS FOLLOWS:

**675 IAC 21-4-2 Amendments to adopted standard**

**Authority:** IC 22-13-2-13

**Affected:** IC 10-19; IC 22-12; IC 22-13-2-10; IC 22-14; IC 22-15-5; IC 25-4; IC 25-31

Sec. 2. (a) Explanatory material, in the form of notes, that is not part of a table, figure, or graph, is not:

- (1) a part of this standard; and ~~is not~~
- (2) 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:

**(A) AUTHORITY HAVING JURISDICTION** means the ~~office of the state building commissioner~~ **Division** 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.

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

**(C) DIVISION** means the **Division of Fire and Building Safety of the Department.**

**(D) 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:~~ **authority having jurisdiction.**

**(E) 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:~~ **authority having jurisdiction.**

**(F) 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:

(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) Add a new Section 6.2.4 to read as follows: Electric Contact Devices. Every landing door shall be provided with an electric contact device to prevent operation of the hoist when the manual or automatic door locking device is in an unlocked position.**

~~(i)~~ **(i)** 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”.

~~(j)~~ **(j)** 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)”.

~~(k)~~ **(k)** In subsection 24.4, ~~make the following change:~~ delete “ANSI/NFPA 70-1987” and insert “the Indiana Electrical Code (675 IAC 17)”.

~~(l)~~ **(l)** In subsection 26.1.1, in the ~~second last~~ sentence, delete “A similar inspection” **“not”** and insert “An acceptance inspection” **“major”**.

(m) 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.”.

(n) 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.”.

(o) 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)”.

(p) 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.

(q) 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).

(r) 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.

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

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

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

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

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

~~(w)~~ (x) 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*)

SECTION 6. 675 IAC 21-5-1 IS AMENDED TO READ AS FOLLOWS:

**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 ASME A90.1, 1997~~, **2003**, 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*)

SECTION 7. 675 IAC 21-5-3 IS AMENDED TO READ AS FOLLOWS:

**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:

(1) a part of this standard; and is not

(2) 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~~ **rules of the commission** in effect at the time of installation and all ~~applicable building and equipment codes effective as~~ **rules of the commission** 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~~ **rules of the commission** in effect at the time of installation and all **rules of the commission** 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~~ **rules of the commission** in effect at the time of installation and all **rules of the commission** 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 I~~ and ~~B II~~ of this standard are:

- (1) not adopted; ~~are~~
- (2) not enforceable; and ~~are~~
- (3) 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)*

SECTION 8. 675 IAC 21-8-1 IS AMENDED TO READ AS FOLLOWS:

#### **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)~~, **A18.1-2003**, 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)*

SECTION 9. 675 IAC 21-8-2 IS AMENDED TO READ AS FOLLOWS:

#### **675 IAC 21-8-2 Amendments to adopted code**

**Authority:** IC 22-13-2-13

**Affected:** IC 10-19; IC 22-12; IC 22-13-2-10; IC 22-14; IC 22-15

Sec. 2. (a) ~~In Amend Section 1.1.1, change the fourth sentence 1.1.3 to read as follows: Except as specifically allowed in 2.7.1, the device shall not penetrate more than one (1) floor. 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 ~~office of the state building commissioner~~ **Division** 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.

**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 A117.1-1986 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~~, **November 1, 2006**, 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.**

(~~f~~) (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~~ **not** more than one (1) layer of ~~cable~~: **rope**.

(~~g~~) (h) Amend the ~~third next to last~~ sentence in Section ~~2.7.1~~ **2.6.7** to read: ~~The travel shall not exceed thirty (30) feet, delete “over” and may penetrate more than one (1) floor.~~ **insert “adjacent”.**

(~~h~~) (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.**

(~~i~~) (l) In Section 10, delete “Routine” in the title and in the following paragraph.

(~~j~~) (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.

~~(k)~~ (o) Amend the title of Section 10.1.2 to delete “Inspections and”.

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

~~(m)~~ (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.

~~(n)~~ (r) Delete section 10.1.2.3 without substitution.

~~(o)~~ (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 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)~~ (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.

~~(q)~~ (u) Delete Section 10.1.3.3 without substitution.

~~(r)~~ (v) Delete Section 10.2.1 without substitution.

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

~~(t)~~ (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)*

SECTION 10. 675 IAC 21-9 IS ADDED TO READ AS FOLLOWS:

### **Rule 9. Existing Elevators and Escalators**

**675 IAC 21-9-1 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 ASME A17.3, 2002, Safety Code for Existing 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 21-9-1)*

**675 IAC 21-9-2 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.** Amend ASME A17.3 by deleting the entire text and substituting the following: Existing elevators and escalators shall comply with the applicable rules of the commission, including, without limitation, 675 IAC 12-4. *(Fire Prevention and Building Safety Commission; 675 IAC 21-9-2)*

SECTION 11. 675 IAC 21-10 IS ADDED TO READ AS FOLLOWS:

**Rule 10. Automated People Mover**

**675 IAC 21-10-1 Adoption by reference**

**Authority:** IC 22-13-2-13

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

**Sec. 1.** Those certain documents, being titled ASCE 21 Automated People Mover Standards, Part 1, 1996 edition; ASCE 21 Automated People Mover Standards, Part 2, 1998 edition; and ASCE 21 Automated People Mover Standards, Part 3, 2000 edition, published by the American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, Virginia, 20191-4400, are 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 21-10-1)*

**675 IAC 21-10-2 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.** Amend ASCE Standard Automated People Mover Standards - Part 1, 1996 edition; ASCE 21 Automated People Mover Standards, Part 2, 1998 edition; and ASCE 21 Automated People Mover Standards, Part 3, 2000 edition, by deleting the entire text and substituting the following: Automated people movers shall be maintained in accordance with the manufacturer's construction and installation specifications. Such specifications and records of such maintenance shall be provided to the Division not less than thirty (30) days prior to any inspection. *(Fire Prevention and Building Safety Commission; 675 IAC 21-10-2)*

SECTION 12. 675 IAC 21-11 IS ADDED TO READ AS FOLLOWS:

**Rule 11. Qualification of Elevator Inspectors**

**675 IAC 21-11-1 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 ASME QEI-1, 2004, Standard for the Qualification of Elevator Inspectors, 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 21-11-1)*

**675 IAC 21-11-2 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. Amend ASME QEI-1 by deleting the entire text and substituting the following: A qualified inspector shall comply with the certification requirements described in 675 IAC 21-1-10(d).** (*Fire Prevention and Building Safety Commission; 675 IAC 21-11-2*)

***Notice of Public Hearing***

*Under IC 4-22-2-24, notice is hereby given that on June 15, 2006, at 10:00 a.m., at the Indiana Government Center-South, 302 West Washington Street, Conference Center Room 6, Indianapolis, Indiana; AND on September 5, 2006 at 10:00 a.m., at the Indiana Government Center-South, 302 West Washington Street, Conference Center Room B, Indianapolis, Indiana the Fire Prevention and Building Safety Commission will hold a public hearing on proposed amendments to 675 IAC 21, the safety code for elevators, escalators, manlifts, and hoists, to make substantive and technical changes, including changes to reference updated standards, to adopt ASME A17.1, 2004 edition, Safety Code for Elevators and Escalators, to adopt ASME A17.3, 2002 edition, Safety for Existing Elevators and Escalators, to adopt ASME QEI-1, 2004 Edition, Standard for Qualification of Elevator Inspectors, to adopt ASCE 21, Part 1, 1996; Part 2, 1998; and Part 3, 2000, Standard for Automated People Movers, to adopt ANSI/ASME A18.1, 2003 edition, Safety Standard for Platform and Stairway Chairlifts, to adopt ANSI A10.4, 2004 edition, Safety Requirements for Personnel Hoist and Employee Elevators American National Standard for Construction and Demolition Operations, and to adopt ASME A90.1, 2003 edition, Safety Standard for Belt Manlifts.*

*The Fire Prevention and Building Safety Commission has the authority to adopt the proposed amendments under IC 22-13-2-2 and IC 22-13-2-13. The amendments will help small business by providing for the use of updated editions of the relevant standards and such updated editions are required to be adopted under IC 22-13-2-2.*

*Copies of these rules are now on file at the Indiana Government Center-South, 302 West Washington Street, Room W246 and Legislative Services Agency, One North Capitol, Suite 325, Indianapolis, Indiana and are open for public inspection.*

David Hannum  
Chairman  
Fire Prevention and Building Safety Commission