



## COMMITTEE MEETING MINUTES

### 2018 Indiana Safety Codes for Elevators, Escalators, Manlifts, and Hoists Code Committee

Indiana Government Center South  
302 West Washington Street  
Indianapolis, Indiana 46204  
Conference Room 1

Tuesday, June 18, 2019

1. The 2018 Indiana Safety Codes for Elevators, Escalators, Manlifts, and Hoists Code Committee (Committee), subcommittee of the Fire Prevention and Building Safety Commission (Commission), was called to order by Committee Chairman Michael Corey at 9:06 a.m. on Tuesday, June 18, 2019.

a. Committee Members Present:

Michael Corey, Chairman, ThyssenKrupp and Fire Prevention and Building Safety Commission Member  
Jeff Cooper, Purdue University  
Tom Dorsten, Schindler Elevator  
Gary Herrington, Indiana Department of Homeland Security (IDHS)  
Steve Stuard, Stuard & Associates, Inc.

b. Committee Members Absent:

Joe Albertson, IUEC Local 34  
Tom Dorsten, Schindler Elevator  
Jim Lockard, Kone Elevator  
Clifford McDaniel, Indiana Department of Homeland Security (IDHS)  
Adam Sisson, Otis Elevator  
John Watson, Mid America Elevator

c. Committee Staff Present:

Douglas Boyle, Director of the Fire Prevention and Building Safety Commission and Committee Secretary (IDHS)

d. Guests Present:

Matthew Cronley, Indiana Department of Homeland Security (IDHS)  
Tyler Reingardt, DME Elevators and Lifts

## 2. Roll Call/Attendance

Attendance was taken via the attendance sign-in sheet. Committee Secretary Douglas Boyle noted that a quorum was present, with five voting members in attendance at the beginning of the meeting.

## 3. Review and Action on Meeting Minutes from Thursday, May 30, 2019

Committee Secretary Douglas Boyle presented the meeting minutes from the Committee's Thursday, May 30, 2019 meeting. Chairman Corey called for any additions or corrections to the minutes. Hearing no additions or corrections, Steve Stuard made a motion to approve the meeting minutes as submitted. Gary Herrington seconded the motion. The motion was voted on and carried.

## 4. Committee Review of Submitted Proposals for Code Change to ASME A17.1 – 2016 Edition

The Committee reviewed submitted proposals for code change to ASME A17.1 – 2016 Edition. Only two proposals for code change were submitted by Gary Herrington for the Committee's review, and the Committee took the following action on Mr. Herrington's proposals for code change:

- a. Proposal #72: ASME A17.1 – 2016, Section 8.7.3.23.1 Hydraulic Jack. [Gary Herrington]
  - Proposed Amendment(s): Add a period (.) after "3.19.4.1" at the end of the text (editorial correction), and underline the new text "and 3.19.4.1." of the proposed amendment to Section 8.7.3.23.1.
  - Motion to approve as amended (Steve Stuard); seconded (Jeff Cooper).
  - **APPROVED AS AMENDED.**
- b. Proposal #73: ASME A17.1 – 2016, Section 8.7.3.23.3 Cylinders. [Gary Herrington]
  - Proposed Amendment(s): Change the period (.) to a comma (,) after "3.18.2" at the end of the text (editorial correction), add a period (.) after "3.19.4.1" at the end of the text (editorial correction), and underline the new text "and 3.19.4.1." of the proposed amendment to Section 8.7.3.23.3.
  - Motion to approve as amended (Steve Stuard); seconded (Jeff Cooper).
  - **APPROVED AS AMENDED.**

## 5. Committee Review and Discussion on ASME A17.1 – 2016 Edition Non-mandatory Appendix L – Index of Alteration Requirements for Electric Elevators, Hydraulic Elevators, Escalators, and Moving Walks

The Committee continued its on-going review and discussion of ASME A17.1-2016 Non-mandatory Appendix L, specifically regarding when alteration permits will be required under the Appendix. The Committee made the following determinations from its discussion:

ITEM	ELECTRIC ELEVATOR	HYDRAULIC ELEVATOR	ESCALATORS & MOVING WALKS	ALTERATION PERMIT REQUIRED (2007)	ALTERATION PERMIT REQUIRED (2016/COMMITTEE DETERMINATION)	FISCAL IMPACT ANALYSIS
Egress, escalator	-----	-----	8.7.6.1.15	YES	YES	No fiscal impact - as required under current code.
Electric contact, mechanical lock and	8.7.2.11.2	8.7.3.11	-----	NO	YES	No fiscal impact - alteration permit is required under currently adopted model code, and would likely be covered under the scope of a larger alteration.
Electric wiring	8.7.2.8	8.7.3.8	8.7.6.1.14, 8.7.6.2.14	YES	YES	No Fiscal Impact - this alteration is generally covered under other, larger alterations.
Electrically operated control valve	-----	8.7.3.24	-----	YES	YES	No fiscal impact - as required under current code.
Emergency door	8.7.2.10.1	8.7.2.10.1	-----	YES	YES	No Fiscal Impact - this alteration is generally covered under other, larger alterations.
Emergency operation	8.7.2.28	8.7.3.31.8	-----	YES	YES	No Fiscal Impact - as required by current code. The changes in the code requirement between the 2007 and 2016 codes will generally be covered under other, larger alterations.
Emergency signaling device	8.7.2.28	8.7.3.31.8	-----	YES	YES	No Fiscal Impact - as required by current code. The changes in the code requirement between the 2007 and 2016 codes will generally be covered under other, larger alterations.
Enclosure, car	8.7.2.14, 8.7.2.27.7	8.7.3.13	-----	YES	YES - New (ALTERATION ONLY)	No Fiscal Impact - as required by current code.
Enclosure, hoistway	8.7.2.1	8.7.3.1	-----	YES	YES	No Fiscal Impact - as required by current code.
Enclosure, machine room and machinery spaces	8.7.2.7	8.7.2.7	6.1.7, 6.2.7	YES	YES	No fiscal impact - as required under current code.
Entrance, escalator and moving walk	-----	-----	8.7.6.1.15	YES	YES	No fiscal impact - as required under current code.
Entrance, hoistway	8.7.2.10	8.7.3.10	-----	YES	YES	No Fiscal Impact - as required under current code. This alteration is generally covered under other, larger alterations.
Entrance, horizontal slide type	8.7.2.10.2	8.7.3.10	-----	YES	YES	No Fiscal Impact - as required under current code. This alteration is generally covered under other, larger alterations.

Entrance, swing type	8.7.2.10.4	8.7.3.10	-----	YES	YES	No Fiscal Impact - as required under current code. This alteration is generally covered under other, larger alterations.
Entrance, vertical slide type	8.7.2.10.3	8.7.3.10	-----	YES	YES	No Fiscal Impact - as required under current code. This alteration is generally covered under other, larger alterations.
Entrance assembly, marking of	8.7.2.10.5	8.7.3.10	-----	YES	YES	No Fiscal Impact - as required under current code. This alteration is generally covered under other, larger alterations.
Equipment, non elevator	8.7.2.8	8.7.2.8	-----	YES	YES	No Fiscal Impact - as required under current code. This alteration is generally covered under other, larger alterations.
Fastening, suspension rope	8.7.2.21	8.7.3.25	-----	YES	YES	No fiscal impact - as required under current code.
Final terminal stopping device	8.7.2.26	8.7.2.26	-----	NO	YES - New Equipment NO - Repair or replacement of existing equipment	No fiscal impact - this is already essentially covered under the current code. Just additional clarification.
Firefighters' service	8.7.2.28	8.7.3.31.6	-----	YES	YES	No Fiscal Impact - as required by current code. The changes in the code requirement between the 2007 and 2016 codes will generally be covered under other, larger alterations.
Fitting, hydraulic	-----	8.7.3.24	-----	YES	YES - Changing or relocating the oil supply line NO - fittings	No fiscal impact - only additional clarification.
Foundation	8.7.2.9	8.7.3.9	-----	YES	YES	No fiscal impact - as required under current code.
Frame, car	8.7.2.15.1	8.7.3.14	-----	YES	YES	No fiscal impact - as required under current code.
Freight elevator, change in class of loading	8.7.2.16.2	8.7.3.18	-----	YES	YES	No fiscal impact - as required under current code.
Freight elevator, changed to passenger service	8.7.2.16.1	8.7.3.17	-----	YES	YES	No fiscal impact - as required under current code.
Freight elevator, permitted to carry passengers	8.7.2.16.3	8.7.3.19	-----	YES	YES	No fiscal impact - as required under current code.
Frequency, change in	8.7.2.27.3	8.7.3.31.4	-----	YES	YES	No fiscal impact - as required under current code.
Gate, car	8.7.2.14	8.7.3.13	-----	YES	YES - New (ALTERATION ONLY)	No fiscal impact - as required under current code.

General requirements	8.7.1	8.7.1	8.7.6.1.1, 8.7.6.2.1	<b>NO</b>	<b>YES</b>	STRIKE "GENERAL REQUIREMENTS" IN ITS ENTITRETY FROM THE ADOPTED APPENDIX L. "General Requirements" will not be included in the adopted Appendix L.
Geometry	-----	-----	8.7.6.1.5(b), 8.7.6.2.5(b)	<b>YES</b>	<b>YES</b>	No fiscal impact - alteration permit is required under currently adopted model code.
Governor	8.7.2.19	8.7.3.16	-----	<b>NO</b>	<b>YES</b>	\$620 x 6 instances in which a governor may be replaced in the first year = \$3,720 in fiscal impact.
Governor rope	8.7.2.19	8.7.3.16	-----	<b>NO</b>	<b>YES - New (ALTERATION ONLY)</b>	No fiscal impact - generally covered under other, larger alterations.
Guide rail	8.7.2.24	8.7.3.28	-----	<b>NO</b>	<b>YES</b>	No fiscal impact - as required under current code.
Guide shoe, car	8.7.2.15.1	8.7.3.14	-----	<b>YES</b>	<b>YES</b>	No fiscal impact - as required under current code.
Guide shoe, counterweight	8.7.2.22	8.7.3.26	-----	<b>NO</b>	<b>YES - with the exception of Section 8.7.2.22.3</b>	Even with the exception, no fiscal impact (as currently required).

## 6. Other Business/Plan Forward

Committee Secretary Douglas Boyle advised the Committee that its next meeting is scheduled for Tuesday, July 16, 2019, starting at 9:00 a.m. in Conference Room D of Indiana Government Center South, 302 W. Washington Street, Indianapolis, IN 46204. The agenda for the meeting will be to continue working through Appendix L's list of items and determining which items will require alteration permits, starting with "Hand elevators."

## 7. Adjournment

Chairman Corey thanked the members for their service. Chairman Corey adjourned the meeting at 11:06 a.m.