



# City of Phoenix

PLANNING & DEVELOPMENT DEPARTMENT

## BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

### Amendment to 2023 American Society of Mechanical Engineers (ASME) A17.3 Section 3.10.12

**Submitted by:** ASME/Elevator Code Committee

#### 3.10.12 System to Monitor and Prevent Automatic Operation of the Elevator With Faulty Door Contact Circuits

Means shall be provided to monitor the position of power-operated car doors that are mechanically coupled with the landing doors while the car is in the landing zone, in order

(a) to prevent automatic operation of the car if the car door is not closed [see 3.4.2(c)], regardless of whether the portion of the circuits incorporating the car door contact or the interlock contact of the landing door coupled with the car door, or both, are closed or open, except as permitted in 3.10.7.

(b) to prevent the power closing of the doors during automatic operation if the car door is fully open and any of the following conditions exist:

(1) The car door contact is closed, or the portion of the circuit incorporating this contact is bypassed.

(2) The interlock contact of the landing door that is coupled to the opened car door is closed, or the portion of the circuit incorporating this contact is bypassed.

(3) The car door contact and the interlock contact of the door that is coupled to the opened car door are closed, or the portions of the circuits incorporating these contacts are bypassed.

(c) Compliance date to be no later than four (4) years from the date of adoption.

**Justification:** To provide owners with reasonable time to facilitate any necessary planning required to comply.

**Cost Impact:** Moderate. Cost of modifying controls to accommodate new circuitry.

**Approved in previous 2018 Code Adoption process:** ☐ YES ☒ NO

#### ACTION TAKEN:

**2024 Code Committee** Date: 11/13/2024

☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Development Advisory Board (DAB) Subcommittee** Date: 02/13/2025

☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Development Advisory Board (DAB)** Date: 04/22/2025

☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Transportation, Infrastructure and Planning Subcommittee** Date: 05/21/2025

☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**City Council Action** Date: 06/18/2025

☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Adopted by City of Phoenix Ordinance G-7397 effective August 1, 2025**



# City of Phoenix

PLANNING & DEVELOPMENT DEPARTMENT

## BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

### Amendment to 2023 American Society of Mechanical Engineers (ASME) A17.3 Section 3.13.3

Submitted by: ASME/Elevator Code Committee

#### **Section 3.13.3 Compliance**

Note: Items 3.13.1 through 3.13.2.2 shall have a compliance date to be no later than four (4) years from the date of adoption.

**Justification:** To provide owners with reasonable time to facilitate any necessary planning required to comply.

**Cost Impact:** Minimal

**Approved in previous 2018 Code Adoption process:** ☐ YES ☒ NO

#### **ACTION TAKEN:**

**2024 Code Committee** Date: 11/25/2024  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Development Advisory Board (DAB) Subcommittee** Date: 02/13/2025  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Development Advisory Board (DAB)** Date: 04/22/2025  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Transportation, Infrastructure and Planning Subcommittee** Date: 05/21/2025  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**City Council Action** Date: 06/18/2025  
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PLANNING & DEVELOPMENT DEPARTMENT

## BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

### Amendment to 2023 American Society of Mechanical Engineers Code (ASME) A17.3 Section 3.14

**Submitted by:** ASME/Elevator Code Committee

#### **3.14 Car Tops. MITIGATION OF FALL HAZARDS ON OR AROUND CAR TOPS.**

All passenger and freight elevator car tops that have a fall hazard as described by OSHA 1926.501(b) and ASME a17.1-2022 section 2.14.1.7 shall meet the requirements of ASME a17.1-2022 section 2.14.1.7, and 8.7.2.14.5.

Compliance date to be no later than four (4) years from the date of adoption.

**Justification:** To reduce the possibility of loss of life or limb to Elevator Personnel during Maintenance, Testing, and Inspections. Increase of Safety factor for buildings.

**Cost Impact:** Minimal Cost of handrail installation only on elevators with fall hazards.

**Approved in previous 2018 Code Adoption process:** ☐ YES ☒ NO

#### **ACTION TAKEN:**

**2024 Code Committee** Date: 11/13/2024  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Development Advisory Board (DAB) Subcommittee** Date: 02/13/2025  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Development Advisory Board (DAB)** Date: 04/22/2025  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Transportation, Infrastructure and Planning Subcommittee** Date: 05/21/2025  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**City Council Action** Date: 06/18/2025  
☒ Approved as submitted ☐ Modified and approved ☐ Denied ☐ No action taken

**Adopted by City of Phoenix Ordinance G-7397 effective August 1, 2025**



# City of Phoenix

PLANNING & DEVELOPMENT DEPARTMENT

## BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

### Amendment to 2023 American Society of Mechanical Engineers Code (ASME) A17.3 Section 4.10

**Submitted by:** ASME/Elevator Code Committee

#### **4.10 Car Tops. Mitigation of fall hazards on or around car tops.**

All passenger and freight elevator car tops that have a fall hazard as described by OSHA 1926.501(b) and ASME A17.1-2022 Section 2.14.1.7 shall meet the requirements of ASME A17.1-2022 Section 2.14.1.7, and 8.7.2.14.5.

Compliance date to be no later than four (4) years from the date of adoption.

**Justification:** To reduce the possibility of loss of life or limb to Elevator Personnel during Maintenance, Testing, and Inspections. Increase of Safety factor for buildings.

**Cost Impact:** Minimal. Cost of handrail installation only on elevators with fall hazards

**Approved in previous 2018 Code Adoption process:** ☐ YES ☒ NO

#### **ACTION TAKEN:**

<b>2024 Code Committee</b>	Date: 11/13/2024
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	
<b>Development Advisory Board (DAB) Subcommittee</b>	Date: 02/13/2025
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	
<b>Development Advisory Board (DAB)</b>	Date: 04/22/2025
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	
<b>Transportation, Infrastructure and Planning Subcommittee</b>	Date: 05/21/2025
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	
<b>City Council Action</b>	Date: 06/18/2025
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied <input type="checkbox"/> No action taken	

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PLANNING & DEVELOPMENT DEPARTMENT

## BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

### Amendment to 2023 American Society of Mechanical Engineers (ASME) A17.3 Section 5.3.13

Submitted by: ASME/Elevator Code Committee

#### 5.3.13 Combplate Vertical Safety Device

Combplate vertical safety devices shall be provided that will cause the opening of the power circuit to the escalator driving-machine motor and brake if a resultant vertical force not greater than 670 N (150 lbf) in the upward direction is applied at the center of the front of the comb-plate at each landing. These devices shall be the manual reset type.

Comb-step impact devices conforming to the requirements of ASME AI 7.1 or ASME AI 7.1/CSA B44 meet these requirements.

(a) Compliance date to be no later than four (4) years from the date of adoption.

**Justification:** To provide owners with reasonable time to facilitate any necessary planning required to comply.

**Cost Impact:** Moderate.

Approved in previous 2018 Code Adoption process: ☒ YES ☐ NO

#### ACTION TAKEN:

<b>2024 Code Committee</b>	Date: 01/15/2025
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied	<input type="checkbox"/> No action taken

<b>Development Advisory Board (DAB) Subcommittee</b>	Date: 02/13/2025
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied	<input type="checkbox"/> No action taken

<b>Development Advisory Board (DAB)</b>	Date: 04/22/2025
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied	<input type="checkbox"/> No action taken

<b>Transportation, Infrastructure and Planning Subcommittee</b>	Date: 05/21/2025
<input checked="" type="checkbox"/> Approved as submitted <input type="checkbox"/> Modified and approved <input type="checkbox"/> Denied	<input type="checkbox"/> No action taken

<b>City Council Action</b>	Date: 06/18/2025
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