City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.2.5.3

**Submitted by:** Phoenix Planning & Development Department Code Committee

2.2.5.3 The light switch shall be so located as to be accessible from the pit access door, and

1. shall not be controlled by automatic means only,
2. be illuminated, and
3. when there are multiple pits, each switch shall control all pit lights.

**Reasons:**
(1) To eliminate any possible hazard while working on electrical and mechanical equipment if the lights go out. (2) To facilitate finding the light switch in darkened areas. (3) To harmonize with NEC 110.26(D).

(Related amendments: A17.1-2.7.9.1, A17.1-2.2.5.3,NEC 620.23(B), and NEC 620.24(B))

**Cost Impact:** Minimal cost of switches.

**ACTION TAKEN:**

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| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Council Subcommittee** | | | | Date: 4/16/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **City Council Action** | | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.7.6.3.2

**Submitted by:** Phoenix Planning & Development Department Code Committee

2.7.6.3.2 The motor controller shall be located in a machinery space, machine room, control space, or control room.

A motor controller shall be permitted to be located outside the specified spaces, provided it is enclosed in a locked cabinet. The locked cabinet shall be

(a) readily accessible for maintenance and inspection at all times.
(b) provided with cabinet door(s) or panel(s) that are not self-closing, that are self-locking, and that shall be kept closed and locked. Keys shall be Group 1 Security (see 8.1).
(c) lit by permanently installed electric lighting with a lighting intensity of at least 200 lx (19 fc) at the floor level.
(d) located in a space that is provided with ~~natural or mechanical means~~ independent air conditioning to keep the ambient air temperature and humidity ~~in the range specified by the elevator equipment manufacturer~~ not greater than 90 degrees F to ensure safe and normal operation of the elevator. The temperature and humidity range shall be permanently posted on the cabinet.

**Reasons:**
(1) Experience with existing elevator equipment that have been installed with air conditioning set to the upper limit of the manufactures operating range has shown a higher percentage of equipment failures and shortened life cycle occur due to the extreme temperatures in Phoenix. (2) This results in unsafe conditions as controller doors are left open and extra fans are brought into equipment rooms to try and solve the problem. (3) To harmonize with existing policy.

(Related amendments A17.1-2.7.9.2, A17.1- 2.7.6.3.2, A17.1-2.8.5, and IBC 3003.1.4, IBC 3006.2)

**Cost Impact:** Cost of independent air conditioning system.

**ACTION TAKEN:**

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| **2012 Code Committee** | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board Technical Subcommittee** | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board** | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Council Subcommittee** | | | Date: 4/16/13 |
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| **City Council Action** | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.7.9.1

**Submitted by:** Phoenix Planning & Development Department Code Committee

**2.7.9.1 Lighting.** Permanently installed electric lighting shall be provided in all machinery spaces, machine rooms, control spaces, and control rooms. The illumination shall be not less than 200 lx (19 fc) at the floor level, at the standing surface of a working platform (see 2.7.5.3), or at the level of the standing surface when the car is in the blocked position (see 2.7.5.1). The light switch shall be located at the point of entry

(a) for machinery spaces and control spaces, and

(b) for machine rooms and control rooms, inside the room and where practicable on the lock-jamb side of the access door

(c) all light switches for access to any elevator or escalator machine room, control room, machine space, or control space:

1. shall not be controlled by automatic means only and
2. shall be illuminated.

**Reasons:**
(1) To eliminate any possible hazard while working on electrical and mechanical equipment if the lights go out. (2) To facilitate finding the light switch in darkened areas. (3) To harmonize with NEC 110.26(D).

(Related amendments: A17.1-2.7.9.1, A17.1-2.2.5.3,NEC 620.23(B), and NEC 620.24(B))

**Cost Impact:** No cost impact.

**ACTION TAKEN:**

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|---|---|---|---|---|
| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Council Subcommittee** | | | | Date: 4/16/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **City Council Action** | | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.7.9.2

**Submitted by:** Phoenix Planning & Development Department Code Committee

**2.7.9.2 Temperature and Humidity.** Machinery spaces, machine rooms, control spaces, and control rooms shall be provided with ~~natural or mechanical means~~ independent air conditioning to keep the ambient air temperature and humidity ~~in the range specified by the elevator equipment manufacturer~~ not greater than 90 degrees F to ensure safe and normal operation of the elevator. The temperature and humidity range shall be permanently posted in the machine room, control room, control space, or where specified by the equipment manufacturer, in the machinery space.

**Reasons:**
(1) Experience with existing elevator equipment that have been installed with air conditioning set to the upper limit of the manufactures operating range has shown a higher percentage of equipment failures and shortened life cycle occur due to the extreme temperatures in Phoenix.
(2) This results in unsafe conditions as controller doors are left open and extra fans are brought into equipment rooms to try and solve the problem. (3) To harmonize with existing policy.

(Related amendments A17.1-2.7.9.2, A17.1- 2.7.6.3.2, A17.1-2.8.5, and IBC 3003.1.4, IBC 3006.2)

**Cost Impact:** Cost of independent air conditioning system.

**ACTION TAKEN:**

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| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 1/17/13 |
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| **Council Subcommittee** | | | | Date: 4/16/13 |
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| **City Council Action** | | | | Date: 5/15/13 |
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City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.8.5

**Submitted by:** Phoenix Planning & Development Department Code Committee

**2.8.5 Air Conditioning**

Independent air conditioning equipment ~~is permitted to~~ shall be provided for all elevator machinery spaces, machine rooms, control spaces, or control rooms for the purpose of cooling these areas only, subject to 2.8.5.1 through 2.8.5.5.

2.8.5.1 Air conditioning equipment shall not be located directly above elevator equipment or in the elevator hoistway.

2.8.5.2 The clear headroom below suspended air conditioning equipment shall conform to 2.7.4.

2.8.5.3 Means shall be provided to collect and drain condensation water from these spaces. Condensation drains shall not be located directly above elevator equipment. Drains connected directly to sewers shall not be installed.

2.8.5.4 Safe and convenient access within the elevator machinery space, machine room, control space, or control room shall be provided to the air conditioning equipment for servicing and maintaining.

**Reasons:**
(1) To harmonize with existing policy. (2) Servicing of air conditioning units inside the elevator hoistway is unsafe for untrained personnel and costly to the owner.

(Related amendments A17.1-2.7.9.2, A17.1- 2.7.6.3.2, A17.1-2.8.5, and IBC 3003.1.4, IBC 3006.2)

**Cost Impact:** Cost of independent air conditioning system.

**ACTION TAKEN:**

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|---|---|---|---|
| **2012 Code Committee** | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board Technical Subcommittee** | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board** | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Council Subcommittee** | | | Date: 4/16/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **City Council Action** | | | Date: 5/15/13 |
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City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.12.5.1

**Submitted by:** Phoenix Planning & Development Department Code Committee

2.12.5.1 When a car is outside the unlocking zone, the hoistway doors or car doors shall be so arranged that the hoistway doors or car doors cannot be opened more than 100 mm (4 in.) from inside the car. Electronic car door restrictors shall not be affected by smoke and if faulted out shall stop at the closest floor and shut down with doors open if:

(a) there is insufficient power to operate the device,or
(b) the device is not operating as designed.

**Reasons:**
(1) To clarify existing policy. (2)To prevent the possible entrapment of passengers or fire department personnel in an emergency.

**Cost Impact:** No cost impact.

**ACTION TAKEN:**

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| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
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| **Development Advisory Board** | | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Council Subcommittee** | | | | Date: 4/16/13 |
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| **City Council Action** | | | | Date: 5/15/13 |
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City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to ASME 2010 A17.1 Section 2.14.1.5.3

**Submitted by:** Phoenix Fire Department

**2.14.1.5.3** On all cars with a total travel of seventy five feet (75) or more the requirements specified in 2.14.1.5 shall apply except that the emergency exit shall be so arranged that it can be opened from within the car by means of a keyed spring-return cylinder-type lock having not less than a five-pin or five-disk combination and opened from the top of the car without the use of a key and conform to 2.14.1.5.3.1 through 2.14.1.5.3.2.

**2.14.1.5.3.1** The key required to open the emergency exit lock shall be kept on the premises in a location readily accessible to authorized persons, but not where it is available to the public. No other key to the building shall unlock the emergency exit lock except that where hoistway access switches conforming to 2.12.7 are provided, the key used to operate the access switches shall be permitted to also unlock the top emergency exit. This key shall be Group 1 Security (see 8.1). This key shall be a standardized key designated by the Local Authority Having Jurisdiction (AHJ).

**2.14.1.5.3.2** The top emergency exit shall be provided with a car door electric contact conforming to 2.14.1.5.1(f) and

- **(a)** Be located as to be inaccessible from the inside of the car.
- **(b)** The opening of the electrical contact shall limit the car speed to not more than 0.75 m/s (150 ft/min) if the emergency exit override switch is on.
- **(c)** The emergency exit override switch shall be controlled automatically by the fire service emergency elevator recall devices.

**Reasons:**
Requested by the Phoenix Fire Department for safety.

**Cost Impact:** Minimal cost impact.

**ACTION TAKEN:**

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| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Council Subcommittee** | | | | Date: 4/16/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **City Council Action** | | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.14.2.3.3

**Submitted by:** Phoenix Planning & Development Department Code Committee

2.14.2.3.3 ~~Forced ventilation~~ Independent air conditioning conforming to the following shall be provided on observation elevators with glass walls exposed to direct sunlight:

*(a)* There shall be a minimum air handling capacity to provide one air change per minute based on net inside car volume, and a temperature of not greater than 90 degrees F.

*(b)* An auxiliary power source capable of providing the minimum air conditioning and air handling capacity for a continuous period of at least 1 h shall be provided on each elevator car.

NOTE (2.14.2.3.3): Special consideration should be given to elevators such as observation and parking garage elevators, when they are exposed to the elements. In extreme cases, emergency power may be required for this purpose.

**Reasons:**
Due to the extreme heat in Phoenix, an entrapment in an outside elevator can lead to serious injuries or even death. Response time varies from 30 minutes to 2 hours.

**Cost Impact:** Cost of independent air conditioning system.

**ACTION TAKEN:**

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| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Council Subcommittee** | | | | Date: 4/16/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **City Council Action** | | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.26.1.4.2(e)(2)

**Submitted by:** Phoenix Planning & Development Department Code Committee

2.26.1.4.2 Top-of-Car Inspection Operation. Top- of-car inspection operation shall conform to 2.26.1.4.1 and the following:

(a) A stop switch (see 2.26.2.8) shall be permanently located on the car top and readily accessible to a person, while standing at the hoistway entrance normally used for access to the car top.
(b) The transfer switch [see 2.26.1.4.1(b)] shall be located on the car top and shall be so designed as to prevent accidental transfer from the "INSPECTION" to "NORMAL" position.
(c) A separate device of the continuous-pressure type labeled "ENABLE" shall be provided adjacent to the inspection operating devices.
(d) The inspection operating devices shall become effective only when the "ENABLE" device is activated.
(e) The inspection operating devices [see 2.26.1.4.1(c)], shall be permitted to be of the portable type, provided that
  (1) the "ENABLE" device [see 2.26.1.4.2(c)], and a stop switch, in addition to the stop switch required in 2.26.1.4.2(a) are included in the portable unit
  (2) the flexible cord is permanently attached so that the portable unit cannot be detached from the car top, and
    (a) the flexible cord is long enough (10' max) to reach both sides of the crosshead on a front and rear installation to allow working on all rear devices safely, or
    (b) if flexible cord can not safely be long enough to reach both sides of the crosshead on front and rear installations then two inspection stations shall be provided.
(f) Separate additional devices of the continuous- pressure type shall be permitted to be provided on the car top to make power door opening and closing and automatic car leveling operative from the top of the car for testing purposes.
(g) When on top-of-car inspection operation, a separate additional device shall be permitted to render ineffective the top final terminal stopping device, and the buffer switch for gas spring-return counterweight oil buffers, in conformance with the requirements of 2.26.4.3, 2.26.9.3.1(a), 26.9.3.2, and 2.26.9.4, and it shall allow the car to be moved to a position in conformance with the requirements of 2.7.4.5 and 2.7.5.1.3(c).
(h) The inspection operating devices shall be readily accessible to a person while standing in one of the horizontal areas described in 2.14.1.6.2 on the car enclosure top.

**Reasons:**
To provide a safer working environment for service technicians and inspectors while working on top of elevator cars.

**Cost Impact:** Minor cost of longer cord.

**ACTION TAKEN:**

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| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 1/17/13 |
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| **Council Subcommittee** | | | | Date: 4/16/13 |
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| **City Council Action** | | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.27.8

**Submitted by:** Phoenix Planning & Development Department Code Committee

**2.27.8 Switch Keys**

The key switches required by 2.27.2 through 2.27.5 for all elevators in a building shall be operable by the ~~FEO-K1~~ same key. The keys shall be Group 3 Security (see8.1). A separate key shall be provided for each switch. These keys shall be kept on the premises in a location readily accessible to firefighters and emergency personnel, but not where they are available to the public. This key shall be ~~of a tubular, 7 pin, style 137 construction and shall have a bitting code of 6143521 starting at the tab sequenced clockwise as viewed from the barrel end of the key.~~ The key shall be coded the "AZFS" key as designated by the authority having jurisdiction. The possession of the ~~"FEO-K1"~~ "AZFS" key shall be limited to elevator personnel, emergency personnel, elevator equipment manufacturers, and authorized personnel during checking of Firefighters' Emergency Operation (see 8.1 and 8.6.11.1).

Where provided, a lock box, including its lock and other components, shall conform to the requirements of UL 1037 (see Part 9).

NOTE (2.27.8): Local authorities may specify additional requirements for a uniform keyed lock box and its location to contain the necessary keys

**Reasons:**
Existing fire service key used by fire department and emergency personnel.

**Cost Impact:** No cost impact. Existing keys already changed over to "AZFS".

| **ACTION TAKEN:** | | | |
|---|---|---|---|
| **2012 Code Committee** | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board Technical Subcommittee** | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board** | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Council Subcommittee** | | | Date: 4/16/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **City Council Action** | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 2.29.1

**Submitted by:** Phoenix Fire Department

**2.29.1 Identification of Equipment**
In buildings with more than one elevator, each elevator in the building shall be assigned a unique alphabetical or numerical identification, a minimum of 50 mm (2 in.) in height unless otherwise specified. The identification shall be painted on, engraved, or securely attached to:

(a) the driving machine
(b) MG set
(c) controller
(d) selector
(e) governor
(f ) main line disconnect switch
(g) the crosshead, or where there is no crosshead, the car frame, such that it is visible from the top of the car
(h) the car operating panel, minimum of 13 mm (0.5 in.) in height
(i) adjacent to or on every elevator entrance, at the designated level, ~~minimum of 75 mm (3 in.) in height~~ and at all other levels a minimum of 26 mm (1 in.) in height.

**Reasons:**
Requested by the Phoenix Fire Department for public safety.

**Cost Impact:** Minimal cost impact.

**ACTION TAKEN:**

| | | | | |
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| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 1/17/13 |
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| **Council Subcommittee** | | | | Date: 4/16/13 |
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City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Section 8.6.1.4.2

**Submitted by:** Phoenix Planning & Development Department Code Committee

**8.6.1.4.2 Record Availability**. The maintenance records ~~shall be available to the elevator personnel~~ that are listed under 8.6.1.4.1 shall be available to the elevator personnel. Records kept electronically must be provided upon request within two (2) business days or may have hard copies kept in the same room as the controller. Instructions to obtain electronic records shall be noted on the controller. Records shall be maintained for two (2) years, and are the property of the owner. Fire service and repair logs may be kept off site by the owner if they are readily available to authorized personnel and the location is noted on the controller.

**Reasons:**
(1) Continued difficulty of obtaining records stored offsite impede the ability of elevator personnel to perform their job in a safe manor. (2) Records become "lost" when management companies change their service provider. (3) During accident investigations records are sometimes not obtained without a subpoena.

**Cost Impact:** No cost impact.

**ACTION TAKEN:**

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| **2012 Code Committee** | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board Technical Subcommittee** | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board** | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Council Subcommittee** | | | Date: 4/16/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **City Council Action** | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |

**City of Phoenix**
**Planning and Development Services Department**

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to the 2010 ASME A17.1 Section 8.11.1.3

**Submitted by:** Robert Schumacher

**8.11.1.3 Periodic Inspection and Test Frequency**.
The frequency of periodic inspections and tests shall be established by the authority having jurisdiction. per the mandatory Appendix N, Table N-1.

~~Note: Recommended intervals for period inspections and tests can be found in Nonmandatory Appendix N.~~

**Exception**: Periodic Inspections shall be 12 months for electric elevators, hydraulic elevators, escalators and moving walks and sidewalk elevators.

**Reasons:**

This change will reduce periodic inspection for those listed in the Exception shown above by 6 months. The frequency of these inspections listed in the table from the nonmandatory appendix (6 month) differ from the 12 month interval commonly used throughout the country.

**Cost Impact:**

Inspection costs will be less due the reduced frequency of inspections.

**Approved in previous 2012 Code Adoption process:** ☐ **YES** ☒ **NO**

**ACTION TAKEN:**

| | | | | |
|---|---|---|---|---|
| **2015 Code Committee** | | | | Date: 1/14/16 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/21/16 |
| ☐ Approved as submitted | ☒ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 5/19/16 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Neighborhoods, Housing and Development Subcommittee** | | | | Date: 6/21/2016 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **City Council Action** | | | | Date: 9/7/2016 |
| ☐ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to 2010 ASME A17.1 Appendix N

**Submitted by:** Phoenix Planning & Development Department Code Committee

**Recommendation:**
Adopt Appendix "N" with the following changes ~~NON-~~MANDATORY APPENDIX N ~~RECOMMENDED~~ INSPECTION

**Reasons:**
Provide for schedule of testing and inspections. Previously adopted for the 2004 & 2007 A17.1

**Cost Impact:** No change in cost.

**ACTION TAKEN:**

| | | | | |
|---|---|---|---|---|
| **2012 Code Committee** | | | | Date: 12/14/12 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board Technical Subcommittee** | | | | Date: 1/8/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Development Advisory Board** | | | | Date: 1/17/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **Council Subcommittee** | | | | Date: 4/16/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |
| **City Council Action** | | | | Date: 5/15/13 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken | |

City of Phoenix
PLANNING & DEVELOPMENT DEPARTMENT

# BUILDING CONSTRUCTION CODE CHANGE PROPOSAL

## Proposed Amendments to ASME Code A17.1 Appendix N

**Submitted by:** Robert Schumacher

**Recommendation: A17.1 2010 ASME Code**
~~Amend Appendix "N" with the following changes NON MANDATORY APPENDIX N RECOMMENDED INSPECTION~~

**Reasons:**

**The use of Appendix "N" is now covered in the code change proposal for the ASME A17.1-2010 Section 8.11.1.3. Phoenix will develop inspection policy in place of Appendix "N".**

**Cost Impact:**

**Cost Savings.**

**Approved in previous 2012 Code Adoption process:** ☐ **YES** ☒ **NO**

| **ACTION TAKEN:** | | | |
|---|---|---|---|
| **2015 Code Committee** | | | Date: 1/14/16 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board Technical Subcommittee** | | | Date: 5/19/16 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Development Advisory Board** | | | Date: 5/19/16 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **Neighborhoods, Housing and Development Subcommittee** | | | Date: 6/21/2016 |
| ☒ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |
| **City Council Action** | | | Date: 9/7/2016 |
| ☐ Approved as submitted | ☐ Modified and approved | ☐ Denied | ☐ No action taken |