

TITLE 23 - BUILDING CODES

Chapter 23.76 LOCAL AMENDMENTS TO THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A18.1 - ~~2016/CSA B44-16~~ SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS

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23.76.0 Local Amendments to the American Society of Mechanical Engineers A18.1 Standard.

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The amendments to the ~~2016 edition of the American Society of Mechanical Engineers A18.1 Standard - ASME~~ Safety Standard for Platform Lifts and Stairway Chairlifts (ASME A18.1) are listed hereafter by section. The structure of amendments is as explained in AMC 23.05.015. ~~The last digits of the number (after the title and chapter digits) are the sections of the Safety Code for Elevators and Escalators to which the amendments refer.~~

Chapter 23.76 LOCAL AMENDMENTS TO THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A18.1-2017 SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS

~~The amendments to the 2017 edition of the ASME Safety Standard for Platform Lifts and Stairway Chairlifts are listed hereafter by section. The last digits of the number (after the title and chapter digits) are the sections of the Safety Standard for Platform Lifts and Stairway Chairlifts to which the amendments refer.~~

23.76.1.1.3 Application.

Amend the definition of "Application" to read as follows:

"This Standard applies to new installations only, except sections 10 and 11, which apply to new and existing installations."

23.76.1.3 Definitions—Machine, driving.

~~Amend Replace section 1.3 by adding the following the~~ definition of "Roped-Hydraulic Driving Machine" as follows:

~~"ChainedRoped~~-hydraulic driving machine: a hydraulic driving machine in which the plunger or piston is connected to the platform with wire ropes or roller chains ~~and sprockets or indirectly coupled to the platform by means of wire ropes and sheaves or roller chains and sprockets~~. It includes the cylinder, the plunger or piston, and multiplying sheaves or sprockets, if any, and their guides."

23.76.1.3 Definitions—Installation placed out of service.

~~Amend-Replace~~ the definition of "Installation, placed out of service" to read as follows:

~~"Installation, placed out of service:~~ An installation whose power feed lines have been disconnected from the machine disconnect switch, whose suspension means, driving belts, etc. have been removed from the premises, whose car and counterweight rests at the bottom of the runway, whose pressure piping has been disassembled and a section removed from the premises, and whose hoistway doors are permanently barricaded or sealed in the closed position on the runway side, except for the bottom landing door/gate which can be sealed or barricaded on the outside of the runway with a permanent and tamper proof means."~~"~~

23.76.2.1.1.7 Runway Enclosure Provided.

Amend section 2.1.1.7 by adding the following sentence to the end of the section:

"Running clearance between platform enclosure walls and the runway enclosure walls, vertical face of the machine housing, or other rigid surfaces shall not exceed 75mm (3 in.) when the open space is of a width 300mm (12 in.) or greater."

23.76.2.3 Driving Means and Sheaves.

Amend section 2.3 by adding the following:

"(I) chained-hydraulic"

23.76.2.7.1 Travel Distance.

Replace subsection 2.7.1-~~3-3~~ with the following:

~~2.7.1-3-3~~ Travel of the lifts conforming to 2.1.1 and 2.1.2 shall not exceed 4250 mm (168 inches) for all installations in buildings other than Residential Group R. In building with Residential Group R occupancies, the total travel of the lift shall not exceed the rise in which it is designated by the lift manufacturer and to which the lift has been designed and tested.

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23.76.5.3 Driving Means and Sheaves.

Amend section 5.3 by adding the following:

"(I) chained-hydraulic"

~~23.76.10.1-2 Periodic Inspections and Tests~~General Requirements.

Amend section 10.1.~~2-1~~ by replacing subsections 10.1.2.1 through 10.1.2.3 with the following to read as follows:

10.1.1 Periodic Inspections. For devices identified in Parts 2, 3 and 4 of this standard, periodic inspections shall be performed at intervals of 24 months by an inspector approved by the Authority Having Jurisdiction.

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Amend section 10.1.2 to read as follows:

"The owner or the owner's authorized agent shall have all of the periodic tests required by 10.2 and 10.3 performed by Lift personnel, as defined in 1.3 of ~~the ASME A18.1-2017~~. All periodic tests required by 10.2 and 10.3 shall be permitted to be witnessed by the Lift personnel. ~~Periodic test results shall be reviewed for compliance by a Municipality of Anchorage (MOA) Elevator Inspector during their routine inspections required by 10.2~~. The Lift personnel shall record the test results on the approved MOA A18.1-~~2017~~ periodic test form. The MOA A18.1-~~2017~~ periodic test form shall be placed on the lower exterior of the lift tower (if the lift is a vertical platform lift), or adjacent to the top or bottom ends of the lift (if the lift is an inclined platform lift or stairway chairlift) for review by the MOA Elevator Inspector during their routine inspections required by 10.~~21.1~~."

23.76.10.2 Routine Inspections and Tests.

Amend the title and language of section 10.2.1 to read as follows:

"Inspection and Test Periods. The routine inspections and tests of sections 2 through 4 lifts (lifts installed in locations other than in or at a private residence) shall be made at intervals not longer than 24 months."

23.76.10.3.1.7 Slack-Rope Device on Roped-Hydraulic Machines.

Amend the title and language of section 10.3.1.7 to read as follows:

"Slack-Rope or Slack-Chain Device on Roped-Hydraulic and Chained-Hydraulic Machines. Slack-rope or slack-chain devices for roped-hydraulic or chained-hydraulic lifts will be tested for conformance by lowering the platform or blocking and creating slack rope or chain causing the device to operate. The slack rope or chain can also be obtained by operation of the safety during the annual safety test."

23.76.10.3.3 Ropes.

Amend the first sentence in section 10.3.3.4 to read:

"Ropes or chains used on roped-hydraulic or chained-hydraulic lifts shall be inspected."

23.76.11.1.2(c) Written Maintenance Program (WMP/MCP).

Amend section 11.1.2(c) to read:

"(c) a procedure for checking the operation of the lift to be conducted at ~~intervals not greater than weekly~~ at least once per quarter by authorized personnel."

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23.76.11.3.1 On-Site Documentation.

Amend section 11.3.1 by adding subsection (e) as follows:

"(e) for lifts that have a runway enclosure, the required on-site documentation logs shall be kept outside the tower but within the lower end of runway enclosure, so that they are available to lift and inspection personnel, but not to the general public (one-year and five-year test forms shall still be in their own plastic sleeve on the lower exterior of the lift tower, per local amendment to section 10.1.2, and the test forms shall not be covered up by the written maintenance program logs). For lifts that have no runway enclosure, the required on-site documentation shall be kept in a secure on-site location chosen by the building owner or their representative, so that the written documents are available to lift and inspection personnel, but not where they are available to the general public. For those documents kept in a secure-on-site location, instructions to locate the written documents shall be placed on the lower exterior of the lift tower adjacent to the test forms, if the lift is a ~~AO Updating Electric Elevator, Lift Codes Page 23 of 23~~ vertical platform lift, or adjacent to the top or bottom ends of the lift adjacent to the test forms, if the lift is an inclined platform lift or stairway chairlift."

