

STANDARD INFORMATION

If the project requires any changes to the Certification Data Report outside of Section 1, then this SUN applies.

Standard: ASME A18.1

Standard ID:

Safety Standard for Platform Lifts and Stairway Chairlifts [ASME A18.1:2023 Ed.9+E:20Mar2025]

Previous Standard ID:

Safety Standard for Platform Lifts and Stairway Chairlifts [ASME A18.1:2023 Ed.9]

Safety Standard for Platform Lifts and Stairway Chairlifts [ASME A18.1:2020 Ed.8]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: July 1, 2026

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: No action is required for currently certified products. If modifications to the product after the effective date require an evaluation and/or testing, then the product must undergo re-evaluation to the new requirements.

Overview of Changes:

Errata March 2025:

- No technical changes made to the standard

9th edition:

- Revision of angles for guide rails and tracks
- Addition of requirements for enclosure walls
- Addition of requirements for final terminal stopping devices

Specific details of new/revisted requirements are found in table below

Note: If the listing references a Canadian standard, per the Canadian Electrical Code (CSA C22.2#0) Section titled Language of markings, Caution and Warning Markings shall be in English and French.

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
2	Info	Vertical Platform Lifts
		Platform enclosures
2.1.4.6		The sides of the platform not used for entrance or exit shall be guarded by either <u>runway enclosure wall or walls in accordance with 2.1.4.6.1 or platform enclosure wall or walls in accordance with 2.1.4.6.2 or both.</u>
		<i>New clause added;</i>
		Runway Enclosure Wall or Walls
2.1.4.6.1		(a) The wall or walls shall withstand, without permanent deformations, a force of 550 N (125 lbf) applied on any 100 mm x 100 mm (4 in. x 4 in.) area. (b) The wall or walls shall present a smooth surface with no openings, other than those necessary for the operation of the lift. Those openings shall reject a ball 12 mm (0.5 in.) in diameter.
		<i>New clause added;</i>
		Platform Enclosure Wall or Walls
2.1.4.6.2		(a) The wall of walls shall be at a height not less than 900 mm (36 in.). (b) The running clearance between platform enclosure wall or walls and runway enclosure wall or walls shall not be less than 50 mm (2 in.).
2.7.1.3	Info	Travel
2.7.1.3.1		Travel of lifts conforming to 2.1.3 <u>or 2.1.5</u> shall not exceed 1 500 mm (60 in.).
		<i>New clause added;</i>
2.9.6.3		The operation of final terminal stopping device shall prevent movement of the platform by the operating devices in both directions of travel.
3	Info	Inclined Platform Lifts
		Limitation of Angle
3.7.2		Guide rails or tracks shall not be installed on an incline greater than 45 deg <u>70 deg</u> from horizontal, or the maximum incline specified by the manufacturer, whichever is less, with the exception of the boarding areas where a maximum vertical rise of 500 mm (20 in.) at any angle shall be permitted.



CLAUSE	VERDICT	COMMENT
		<i>New clause added;</i>
3.9.3.5		The operation of the final terminal stopping device shall prevent movement of the platform by the operating devices in both directions travel.
4	Info	Inclined Stairway Lifts
		Limitation of Angle
4.7.3		Guide rails or tracks shall not be installed on an incline greater than 45 deg <u>70 deg</u> from horizontal <u>or the maximum incline specified by the manufacturer, whichever is less</u> , with the exception of the boarding areas where a maximum vertical rise of 500 mm (20 in.) at any angle shall be permitted.
5	Info	Private Residence Vertical Platform Lifts
		<i>New clause added;</i>
5.9.5.3		The operation of the final terminal stopping device shall prevent movement of the platform by the operating devices in both directions of travel.
6	Info	Private Residence Inclined Platform Lifts
		Limitation of Angle
6.7.2		Guide rails or tracks shall not be installed on an incline greater than 45 deg <u>70 deg</u> from the horizontal, <u>or the maximum incline specified by the manufacturer</u> , whichever is less, with the exception of the boarding areas where a maximum vertical rise of 500 mm (20 in.) at any angle shall be permitted.
		<i>New clause added;</i>
6.9.3.5		The operation of the final terminal stopping device shall prevent movement of the platform by the operating devices in both directions of travel.
7	Info	Private Residence Inclined Stairway Chairlifts
		Limitation of Angle of Inclination
7.7.2		Guide rails or tracks shall not be installed on an incline greater than 45 deg <u>70 deg</u> from horizontal <u>or the maximum incline specified by the manufacturer</u> , whichever is less, with the exception of the boarding areas where a maximum vertical rise of 500 mm (20 in.) at any angle shall be permitted.
		<i>New clause added;</i>
7.9.3.4		The operation of the final terminal stopping device shall prevent movement of the chair by the operating devices in both directions of travel.



CLAUSE	VERDICT	COMMENT
9	Info	Engineering-Type Testing and Design
9.9.2		<p>Test type 1: test using rated load with the lift operating at the <u>manufacturer's specified maximum angle of inclination from the horizontal.</u></p> <p>Test type 2: test using rated load with the lift operating at an angle of 20 deg or the minimum operating angle as specified by the manufacturer, whichever is greater.</p> <p>Test type 3: test using no load with the lift operating at the <u>manufacturer's specified maximum angle of inclination from the horizontal.</u></p> <p>Test type 4: test using no load with the lift operating at an angle of 20 deg or the minimum operating angle as specified by the manufacture, whichever is greater.</p>