

under Revision see DR 95252

SUPERSEDED BY

AS 1735.6 (Int)-1996

AS 1735.6—1986
UDC 621.876-83

Australian Standard[®] 1735.6—1986

SAA LIFT CODE Part 6—MOVING WALKS



STANDARDS ASSOCIATION OF AUSTRALIA

Incorporated by Royal Charter



This Australian standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of the Standards Association of Australia on 12 February 1986 and published on 7 April 1986.

The following interests are represented on Committee ME/4:

- Association of Consulting Engineers Australia
- Association of Independent Lift Companies
- Australian Chamber of Commerce
- Australian Uniform Building Regulations Co-ordinating Council
- Board of Fire Commissioners of New South Wales
- Building Owners and Managers Association of Australia Limited
- Confederation of Australian Industry
- Department of Employment and Industrial Affairs, Qld
- Department of Employment and Industrial Affairs, Vic.
- Department of Housing and Construction
- Department of Industrial Relations, N.S.W.
- Department of Labour, S.A.
- Department of Labour and Industry, Tas.
- Department of Mines and Energy, N.T.
- Department of Occupational Health, Safety and Welfare, W.A.
- Department of Public Works, N.S.W.
- Department of Territories
- Institution of Engineers, Australia
- Insurance Council of Australia
- Lift Manufacturers Association of Australia Limited
- Metal Trades Industry Association of Australia
- Royal Australian Institute of Architects

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This standard was issued in draft form for comment as DR 84254.

STANDARDS AUSTRALIA

Amendment No 2
to
AS 1735.6—1986
Lifts, escalators, and moving walks
(known as the SAA Lift Code)

Part 6: Moving walks



REVISED TEXT

The 1986 edition of AS 1735.6, which was amended in July 1989, is further amended as follows; the amendments should be inserted in the appropriate place.

SUMMARY: This Amendment applies to Clauses 3.6.7.5 and 3.6.8.

Published on 15 April 1991.

AMDT
No 2
APR.
1991

Page 13. Clause 3.6.7.5.

Delete existing Clause 3.6.7.5 and substitute:

3.6.7.5 Guiding of belt, belt-pallet or pallet. Belts, belt-pallets and pallets of inclined (sloped) type moving walks shall be prevented from being displaced from the guiding system in the event of a breakage of a belt or pallet connection within the exposed area of the belt, belt-pallet, or pallet where it is capable of carrying passengers.

Means shall be provided to prevent a displacement perpendicular to the passenger surface of the treadway of more than 3.2 mm, in the event of any breaking of a pallet connection.

AMDT
No 2
APR.
1991

Page 13. Clause 3.6.8.

Delete existing Clause 3.6.8 (including its Note) and substitute:

3.6.8 Lighting of treadways. Treadways shall be substantially uniformly illuminated throughout their run. The illumination on the treadway surface shall be not less than 75 lx whilst the unit is running and no substantial contrast shall exist any any point over the length of the unit, including the entry and exit areas as defined by Clause 2.1.1.

STANDARDS AUSTRALIA

Amendment No 1
to
AS 1735.6—1986
Lifts, escalators, and moving walks
Part 6: Moving walks



REVISED TEXT

The 1986 edition of AS 1735.6 is amended as follows; the amendments should be inserted in the appropriate place.
SUMMARY: This Amendment applies to Contents, Clauses 1.2, 5.5.2, 5.11, 6.2, 6.3(c), and 7.7, and Appendix B (new).
Published on 14 July 1989.

AMDT
No 1
JULY
1989

Page 4. Contents.

Delete entry for Appendix A and substitute:

APPENDICES

A	CHANGE IN WIDTH	20
B	PERIODIC INSPECTION AND TESTING	20

AMDT
No 1
JULY
1989

Page 5. Clause 1.2.

Delete entry for BS 3790 and substitute:

AS 2784 Endless Wedge Belt and V-belt Drives

AMDT
No 1
JULY
1989

Page 15. Clause 5.5.2.

Delete existing Clause and substitute:

5.5.2 Chain drive. For moving walks that are not entirely horizontal, where a chain is used to connect a driving machine to the main drive shaft, a brake shall be provided on the main drive which will operate automatically should the chain fail. The brake shall be capable of sustaining the fully loaded moving walk, and shall provide a gradual stop for loaded conditions. This brake is not required to be of the electrically released type where an electrically released brake is provided on the driving machine.

NOTE: The emergency brake could give an abrupt stop while the moving walk is empty.

AMDT
No 1
JULY
1989

Page 15. Clause 5.11.

Change 'BS 3790' to 'AS 2784'.

AMDT
No 1
JULY
1989

Page 16. Clause 6.2.

Delete existing Clause and substitute:

6.2 NORMAL OPERATION.

6.2.1 Starting switch.

6.2.1.1 Provision. A starting switch shall be provided at each end of each moving walk.

6.2.1.2 Type. Starting switches shall be of the key-operated spring-off type.

6.2.1.3 Location. Starting switches shall be located in a readily accessible position where the operator, while using the key to operate the starting switch, can observe any person at any position on the moving walk (see also Clause 6.3(b)).

6.2.1.4 Labelling. Each starting switch shall be clearly labelled with the direction of travel.

6.2.2 Automatic operation.

6.2.2.1 Approval. Automatic control, other than by means of switches complying with Clause 6.2.2.4, and remote control shall not be provided, unless the control is approved by the Statutory Authority.

6.2.2.2 Changeover switches. Where automatic starting or speed change is provided, key type changeover switches shall be provided at each end of the moving walk for maintenance purposes. Such changeover switches shall be required to be set to the automatic position before automatic starting can become effective.

6.2.2.3 Restriction of access. Turnstile gates or other approved means shall be provided to prevent access to the moving walk in the direction reverse to that set for automatic starting.

6.2.2.4 Passenger speed. The passenger speed used in Clauses 6.2.2.5, 6.2.2.6, and 6.2.2.7, to calculate the time taken for a passenger to actuate the speed switch and move to the combplate, shall be not less than 0.9 m/s.

6.2.2.5 Starting. Where a light ray, a floor pad switch, or another device detects the approach of a passenger and starts a moving walk, the treadway shall have commenced to move before the passenger has arrived at the combplate.

6.2.2.6 Stopping. Moving walks may be arranged to stop automatically, provided that not less than 120 percent of the time required by the last person passing the initiating device to complete the journey has elapsed.

6.2.2.7 Automatic speed change. Where a light ray, a floor pad switch, or another device detects the approach of a passenger and increases the speed of a moving walk, the treadway shall have commenced to increase speed before the passenger has arrived at the combplate.

Any dual-speed moving walks starting from rest shall have commenced to change speed before a passenger reaches the combplate.

Moving walks may be arranged to slow down automatically, provided that not less than 120 percent of the time required by the last person passing the initiating device to complete the journey has elapsed.

6.2.2.8 Safety circuit operation. Automatic starting shall not be effective after the operation of any safety switch or device (including any emergency stop button) until such time as the switch or starting circuit has been manually reset by the use of a key.

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