

Australian Standard®

Lifts, escalators and moving walks

**Part 2: Passenger and goods lifts—
Electric**

This Australian Standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards Australia on 24 May 1993 and published on 26 July 1993.

The following interests are represented on Committee ME/4:

ACT Occupational Health and Safety Authority
Association of Consulting Engineers Australia
Association of Independent Lift Companies
Australian Assembly of Fire Authorities
Australian Chamber of Commerce and Industry
Australian Uniform Building Regulations Co-ordinating Council
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Department of Administrative Services
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Department of Labour, S.A.
Department of Occupational Health, Safety and Welfare, W.A.
Institution of Engineers, Australia
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PREFACE

This edition of this Standard was prepared by the Standards Australia Committee on Lift Installations, to supersede AS 1735, *SAA Lift Code*, Part 2: 1986, *Passenger and Goods Lifts—Electric*.

This edition includes the following technical changes:

- (a) Incorporation of Amendments 1 through 4 as issued for the third edition.
- (b) Clause 10.5 has been redrafted to clarify its intent.
- (c) Clause 10.10.2(g) has been redrafted to correct anomalies and clarify its intent.
- (d) Clause 11.3(f) has been redrafted to clarify its intent.
- (e) Clause 12.2 an additional note has been included to clarify permitted access arrangements.
- (f) Clause 15.1.3.1 has been drafted to assist with the determination of flushing requirements. Additionally Clauses 15.1.3.1, 15.1.3.2, 15.1.3.3, 15.1.3.4 and 15.1.3.5 have been renumbered.
- (g) Section 28 has been redrafted to take into account the application of non-metallic conduit.
- (h) Appendix E has been introduced to cover periodic inspection and testing.

Other changes of an editorial nature have been made to bring the Standard into line with current Standards Australia policy.

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STANDARDS AUSTRALIA

Australian Standard

Lifts, escalators and moving walks

Part 2: Passenger and goods lifts—Electric

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard sets out requirements for electric lifts for carrying passengers or goods or both.

This Standard is complementary to AS 1735.1, but the requirements of this Standard take precedence over corresponding requirements of that Standard.

1.2 REFERENCED DOCUMENTS The following standards are referred to in this Standard:

AS

1023	Low voltage switchgear and controlgear—Protection of electric motors
1023.1	Part 1: Built-in thermal detectors and associated control units
1023.2	Part 2: Current sensing protection devices for a.c. motors
1023.3	Part 3: Inherent overheat protectors
1250	SAA Steel Structures Code ¹ SEE AMENDMENT
1288	Glass in buildings—Selection and installation
1288.1	Part 1: Selection of glass
1288.2	Part 2: Glazing techniques
1288.3	Part 3: Unframed toughened glass assemblies
1428	Design for access and mobility
1428.1	Part 1: General requirements for access—Buildings
1429	Polymeric insulated cables for electricity supply at working voltages 1.9/3.3 kV up to and including 19/33 kV
1442	Carbon steels and carbon-manganese steels—Hot-rolled bars and semifinished products
1530	Methods for fire tests on building materials, components and structures
1530.1	Part 1: Combustibility test for materials
1530.3	Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release
1654	Limits and fits for engineering (Metric units)
1657	Fixed platforms, walkways, stairways and ladders—Design, construction and installation
1735	SAA Lift Code
1735.1	Part 1: General requirements
1735.3	Part 3: Passenger and goods lifts—Electrohydraulic