

Australian Standard™

**SAA Lift Code**

**Part 4: Service lifts—Power operated**



Standards Australia

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The following interests are represented on Committee ME/4:

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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  
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Australian Standard™

**Lifts, escalators and moving walks**

**Known as the SAA Lift Code**

**Part 4: Service lifts—Power operated**

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## PREFACE

This edition of this standard was prepared by the Association's Committee on Lift Installations, to supersede AS 1735, Part 4—1982, Power-operated Service Lifts.

*This Standard incorporates Amendment Nos. 1 (July 1989) and 2 (June 2000). The changes required by the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.*

This edition includes the following technical changes:

- (a) Clause 5.1 extends the access dimension to 750 mm where an effective standing surface is provided for maintenance of service lifts.
- (b) Clause 26.1.3(a)(ii) has been redrafted to clarify its intent.

Other changes of an editorial nature have been made to bring the standard into line with current SAA policy.

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STANDARDS ASSOCIATION OF AUSTRALIA

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**Australian Standard**

**for**

**LIFTS, ESCALATORS, AND MOVING WALKS**

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**PART 4—SERVICE LIFTS—POWER-OPERATED**

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SECTION 1. SCOPE AND GENERAL

**1.1 SCOPE.** This standard sets out requirements for power-operated service lifts of the types listed in Clause 2.2 and intended for operation under any of the following conditions:

- (a) Rated car speed not more than 1 m/s.
- (b) Rated load more than 12 kg.

NOTE: Lifts required to carry a load in the range 12 kg to 50 kg are designed for and rated at 50 kg, because of the possibility of a person standing on the roof.

- (c) Internal car volume more than 0.06 m<sup>3</sup>.

This standard is complementary to AS 1735.1 and the relevant requirements of AS 1735.2, but the requirements of this standard take precedence over corresponding requirements in those standards.

**1.2 APPLICATION.** It is not intended that this standard should prohibit service lifts outside its scope. For the requirements for service lifts outside the scope of this standard, reference should be made to the Statutory Authority.

**1.3 REFERENCED DOCUMENTS.** The following standards are referred to in this standard:

AS 1204	Structural Steels—Ordinary Weldable Grades
AS 1530	Methods for Fire Tests on Building Material, Components and Structures Part 1—Combustibility Test for Materials
AS 1532	Short Pitch Transmission Precision Roller Chains and Chain Wheels
AS 1656	Steel Wire Ropes (Other than for Lifting Purposes)
AS 1657	SAA Code for Fixed Platforms, Walkways, Stairways and Ladders
AS 1722	SAA Timber Engineering Code

AS 1735.1	SAA Lift Code, Part 1—General Requirements
AS 1735.2	SAA Lift Code, Part 2—Passenger and Goods Lifts—Electric
AS 1735.10	SAA Lift Code, Part 10—Tests
AS 1735.11	SAA Lift Code, Part 11—Fire-rated Landing Doors
AS 1979	Flexible Travelling Cables for Lifts
AS 2052	Metallic Conduits and Fittings
AS 2053	Non-metallic Conduits and Fittings
AS 2759	Steel Wire Rope—Application Guide SAA Wiring Rules
AS 2774	Endless Wedge Belt and V-belt Drives
AS 3000	SAA Wiring Rules
AS 3116	Approval and Test Specification for Elastomer Insulated Electric Cables and Flexible Cables for Working Voltages of 0.6/1 kV
AS 3147	Approval and Test Specification for PVC Insulated Electric Cables and Flexible Cables for Working Voltages of 0.6/1 kV
AS 3187	Approval and Test Specification for Mineral-insulated Metal-sheathed Cables
AS 3191	Approval and Test Specification for Electric Flexible Cords
ISO 2020	Aerospace—Mechanical System Parts—Preformed Flexible Steel Wire Rope for Aircraft Controls