Australian Standard™

SAA Lift Code

Part 4: Service lifts—Power operated

Standards Australia

This Australian Standard was prepared by Committee ME/4, Lift Installations. It was approved on behalf of the Council of Standards 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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AS 1735.4—1986
(Incorporating Amendment Nos 1 and 2)

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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Australian Standard
for
LIFTS, ESCALATORS, AND MOVING WALKS

PART 4—SERVICE LIFTS—POWER-OPERATED

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^3.

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. A1

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 Mining Purposes)
AS 1657	SAA Code for Fixed Platforms, Walkways, Stairways and Ladders
AS 1720	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 2784	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

