AS 1735.8—1986

Australian Standard®

SAA LIFT CODE

Part 8—INCLINED LIFTS

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

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Department of Labour, S.A.

Department of Labour and Industry, Tas.

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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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Australian Standard®

LIFTS, ESCALATORS, AND MOVING WALKS

Known as the SAA LIFT CODE

Part 8 INCLINED LIFTS

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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 8—1982.

This edition includes the following technical changes:

(a) Clause 5.6 has been amended to permit smaller clearances beside inclined lifts where the height of the car door is greater than 1.5 m.

(b) Clause 18.4 has been amended to permit the use of overcurrent circuit–breakers in door–lock circuits.

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 8—INCLINED LIFTS

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This standard sets out requirements for power-operated inclined lifts of the car of platform type for public and private use, other than—

(a) stairway lifts (see AS 1735.7);

(b) temporary lifts or hoists used solely for building work; and

(c) amusement devices.

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

1.2 APPLICATION. An inclined lift consists of a platform protected by side walls which may be built up and provided with a roof to form a completely enclosed car. It is driven by a drum, traction, or rack type machine at a speed of not more than 0.5 m/s. This form of lift, where intended for public use, has been treated with a consideration similar to that given to vertical lifts as far as safety features are concerned, such as man, mechanical, and running clearances, guarding, car construction, electrical protective devices, limits, and safety gear. However, for private installations, where the inclined lift is intended for the convenience of a single family at a private residence, a number of relaxations have been permitted.

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

AS 1170	SAA Loading Code Part 2—Wind Forces
AS 1204	Structural Steels—Ordinary Weldable Grades
AS 1250	SAA Steel Structures Code
AS 1480	SAA Concrete Structures Code
AS 1530	Methods for Fire Tests on Building Materials, Components and Structures Part 1—Combustibility Test for Materials
AS 1554	SAA Structural Steel Welding Code Part 1— Welding of Steel Structures Part 2— Arc Stud Welding (Steel Studs to Steel) Part 3— Welding of Reinforcing Steel
AS 1656	Steel Wire Ropes (Other than for Mining Purposes)
AS 1657	SAA Code for Fixed Platforms, Walkways, Stairways and Ladders
AS 1735.1	SAA Lift Code, Part 1—General Requirements
AS 1735.2	SAA Lift Code, Part 2—Passenger and Goods Lifts-Electric
AS 1735.7	SAA Lift Code, Part 7—Stairway Chair Lifts
AS 2053	Non-metallic Conduits and Fittings
AS 2758.1	Aggregates and Rock for Engineering Purposes, Part 1—Concrete Aggregates
AS 3000	SAA Wiring Rules