

Lifts and service lifts —

Part 14: Specification for hand-powered service lifts and platform hoists

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The preparation of this British Standard was entrusted to Technical Committee MHE/4, Lifts, hoists and escalators, upon which the following bodies were represented:

- Associated Offices Technical Committee
- Association of District Councils
- British Broadcasting Corporation
- British Lift Association
- British Railways Board
- British Retail Consortium
- British Telecommunications plc
- Chartered Institution of Building Services Engineers
- Department of the Environment
- Department of Trade and Industry (Standards Policy Unit)
- Electrical, Electronic, Telecommunications and Plumbing Union
- Engineer Surveyors' Section of the MSF
- Health and Safety Executive
- Independent Engineering Insurers' Committee
- Institution of Electrical Engineers
- Institution of Environmental Health Officers
- Institution of Incorporated Executive Engineers
- Institution of Mechanical Engineers
- Institution of Plant Engineers
- Lloyd's Register of Shipping
- London Underground Ltd.
- National Association of Lift Makers
- Post Office
- Royal Association for Disability and Rehabilitation

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Foreword

This Part of BS 5655 has been prepared by Technical Committee MHE/4, Lifts, hoists and escalators. It is the fourteenth Part of a British Standard relating to lifts and service lifts. This Part of BS 5655 supersedes section 6 of BS 2655-1:1970 and section 4 of BS 2655-6:1970 which are rendered obsolescent. Additionally, this Part of BS 5655 includes requirements for hand-powered platform hoists, the demand for which has increased since the introduction of the Health and Safety at Work etc. Act 1974 [1]. All of the obsolescent Parts of BS 2655 are retained for reference purposes and to enable existing lift installations to be maintained.

BS 5655 comprises the following Parts.

- *Part 1: Safety rules for the construction and installation of electric lifts.* (implementing EN 81-1, together with PD 6500 *Explanatory supplement to BS 5655-1*);
- *Part 2: Safety rules for the construction and installation of hydraulic lifts* (implementing EN 81-2);
- *Part 3: Specification for electric service lifts;*
- *Part 4: (Reserved for future publication);*
- *Part 5: Specification for dimensions of standard lift arrangements.* (implementing ISO 4190-1 and ISO 4190-2);
- *Part 6: Code of practice for selection and installation;*
- *Part 7: Specification for manual control devices, indicators and additional fittings.* (implementing ISO 4190/5);
- *Part 8: Specification for eyebolts for lift suspension;*
- *Part 9: Specification for guide rails.* (implementing ISO 7465);
- *Part 10: Specification for the testing and inspection of electric and hydraulic lifts;*
- *Part 11: Recommendations for the installation of new, and the modernization of, electric lifts in existing buildings;*
- *Part 12: Recommendations for the installation of new, and the modernization of, hydraulic lifts in existing buildings;*
- *Part 13: Code of practice for vandal resistant lifts;*
- *Part 14: Specification for hand-powered service lifts and platform hoists.*

Further Parts are anticipated.

The internal dimensional limitations on the car in this standard are different from those appearing in the definition of a service lift given in BS 5655-1. This reflects a difference in national practice between the UK and other European countries, but not any significant difference in safety standards.

In order to assist the introduction of this British Standard all new and replacement hand-powered service lifts tendered for before 1996 may conform to the requirements of this standard or those of the earlier standards BS 2655-1:1970 and BS 2655-6:1970.

In the preparation of this standard it has been assumed that all components are correctly designed, of sound mechanical and electrical construction, made of materials with adequate strength and of suitable quality, and free from defects.

In common with passenger carrying lifts, it is important that service lifts should be tested and examined after installation and subsequently examined and serviced at regular intervals. Service lifts should conform to BS 5655-10 where applicable. It is recommended that each service lift installation should be insured by its owners.

Reference should be made to the provisions for safe working recommended in BS 7255 *Code of practice for safe working on lifts*, which is recommended to all those who have duties under the Health and Safety at Work etc. Act, 1974 and other health and safety legislation.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.