

BS 7212:2016



BSI Standards Publication

Code of practice for the safe use of construction hoists

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This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 74, an inside back cover and a back cover.

Foreword

Publishing information

This British Standard is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 31 January 2016. It was prepared by Technical Committee MHE/6, *Builder's Hoists*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

This British Standard supersedes BS 7212:2006, which is withdrawn.

Information about this document

This is a full revision of the standard, and introduces the following principal changes:

- 1) new recommendations with regard to the role of hoist supervisor;
- 2) new recommendations for dealing with temporary works;
- 3) new recommendations for transporting of scaffolding materials in hoists; and
- 4) new recommendations for driverless hoists.

This British Standard was drawn up with the participation of HSE representatives and it will be referred to in the relevant HSE publications.

This British Standard calls for the use of procedures that can be injurious to health if adequate precautions are not taken. It refers only to technical suitability and does not absolve the user from legal obligations relating to health and safety at any stage.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its recommendations are expressed in sentences in which the principal auxiliary verb is "should".

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

Particular attention is drawn to the following specific regulations:

- a) Health and Safety at Work etc. Act 1974 [1];
- b) Lifting Operations and Lifting Equipment Regulations 1998 (LOLER) [2];
- c) Provision and Use of Work Equipment Regulations 1998 (PUWER) [3];
- d) Supply of Machinery (Safety) Regulations 2008 (as amended) [4];
- e) Work at Height Regulations 2005 (as amended) [5];
- f) Construction Design and Management Regulations 2015 [6].

Details of the Lifting Operations and Lifting Equipment Regulations 1998 [2] and the Provision and Use of Work Equipment Regulations 1998 [3], together with an HSE Approved Code of Practice and HSE Guidance, are given in HSE publications Safe use of lifting equipment [7] and Safe use of work equipment [8].

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1 Scope

This British Standard gives recommendations for the installation, maintenance, examination and operation of construction hoists, including hoistway protection, and on the management of these activities. It provides recommendations for the selection, planning, siting, erection, alteration and dismantling of hoists. It also sets out the responsibilities of the various parties involved in all these activities.

This British Standard is applicable to temporarily installed, powered construction hoists, having a carrier, the movement of which is restricted or guided by one or more masts.

NOTE Such hoists are used to transfer persons and/or goods between defined landing levels on sites of engineering and construction. They are not intended to be used as temporary working places giving variable height access to specific areas.

This British Standard is not applicable to:

- a) rope driven passenger/goods hoists;
- b) hoists with platforms without sides providing protection conforming to BS EN 12158-1;
- c) inclined and vertical furniture hoists;
- d) concrete skip hoists;
- e) permanently installed lifts and hoists;
- f) mast climbing work platforms;
- g) mobile elevating work platforms;
- h) gin wheels;
- i) chain hoists and unguided wire rope hoists/winches;
- j) runway beams;
- k) suspended cradles;
- l) building maintenance units;
- m) wind turbine and tower crane access lifts;
- n) belt and chain conveyors;
- o) capstan winches;
- p) hoists powered by direct drive internal combustion engines;
- q) formwork hoist and climbing support system.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS 5975:2008+A1:2011, *Code of practice for temporary works procedures and the permissible stress design of falsework*

BS 7671, *Requirements for electrical installations – IET Wiring Regulations 17th edition*

BS EN 12158-1, *Builders' hoists for goods – Part 1: Hoists with accessible platforms*

BS EN 12158-2, *Builders' hoists for goods – Part 2: Inclined hoists with non-accessible load carrying devices*