

Safety of machinery — Permanent means of access to machinery —

Part 1: Choice of a fixed means of access between two levels

ICS 13.110

National foreword

This British Standard is the UK implementation of EN ISO 14122-1:2001+A1:2010. It is identical with ISO 14122-1:2001, incorporating amendment 1:2010. It supersedes BS EN ISO 14122-1:2001 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to ISO text carry the number of the ISO amendment. For example, text altered by ISO amendment 1 is indicated by A1 A1.

Recommendations on the design aspects of industrial type stairs, walkways, platforms, fixed ladders and companionway ladders not addressed by this standard can be found in BS 5395-3. Requirements for industrial type metal flooring, walkways and stair treads that are not addressed by this standard can be found in BS 4592-1 to -5, which covers the following:

- Part 1: *Specification for open bar gratings*;
- Part 2: *Specification for expanded metal grating panels*;
- Part 3: *Specification for cold formed planks*;
- Part 4: *Specification for glass reinforced plastics open bar gratings*;
- Part 5: *Specification for solid plates in steel, aluminium and glass reinforced plastics (GRP)*.

The UK participation in its preparation was entrusted by Technical Committee B/208, Stairs and walkways, to Subcommittee B/208/1, Stairs and walkways, Industrial stairs.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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.

This British Standard, having been prepared under the direction of the Sector Committee for Building and Civil Engineering, was published under the authority of the Standards Committee and comes into effect on 15 August 2001

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English version

Safety of machinery - Permanent means of access to machinery
- Part 1: Choice of fixed means of access between two levels
(ISO 14122-1:2001)

Sécurité des machines - Moyens d'accès permanents aux machines - Partie 1: Choix d'un moyen d'accès fixe entre deux niveaux (ISO 14122-1:2001)

Sicherheit von Maschinen - Ortsfeste Zugänge zu maschinellen Anlagen - Teil 1: Wahl eines ortsfesten Zugangs zwischen zwei Ebenen (ISO 14122-1:2001)

This European Standard was approved by CEN on 14 February 2000.

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Foreword

The text of EN ISO 14122-1:2001 has been prepared by Technical Committee CEN/TC 114 "Safety of machinery", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 199 "Safety of machinery".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2001, and conflicting national standards shall be withdrawn at the latest by November 2001.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

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Foreword to amendment A1

This document (EN ISO 14122-1:2001/A1:2010) has been prepared by Technical Committee ISO/TC 199 "Safety of machinery" in collaboration with Technical Committee CEN/TC 114 "Safety of machinery" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2010, and conflicting national standards shall be withdrawn at the latest by October 2010.

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Endorsement notice

The text of ISO 14122-1:2001/Amd 1:2010 has been approved by CEN as a EN ISO 14122-1:2001/A1:2010 without any modification.

Introduction

EN ISO 14122 consists of the following parts, under the general title "Safety of machinery - Permanent means of access to machinery" :

Part 1 : Choice of a fixed means of access between two levels

Part 2 : Working platforms and walkways

Part 3 : Stairs, stepladders and guard-rails

Part 4 : Fixed ladders.

This part of EN ISO 14122 is a type B standard as stated in EN 1070.

This document is to be read in conjunction with clause 1.6.2 "Access to operating position and servicing points" and 1.5.15 "Risk of slipping, tripping or falling" of the essential safety requirements expressed in annex A of EN 292-2:1991/A1:1995. See also 6.2.4 "Provision for safe access to machinery" of EN 292-2:1991.

For the significant hazards covered by this part of EN ISO 14122, see clause 4.

The provisions of this document may be supplemented or modified by a type C standard.

NOTE 1 For machines which are covered by the scope of a type C standard and which have been designed and built according to the provisions of that standard, the provisions of that type C standard take precedence over the provisions of this type B standard. "

NOTE 2 The use of materials other than metals (wood composite materials, so-called "advanced" materials, etc.) does not alter the application of this part of EN ISO 14122.

Annexes A and ZA are for information only.

This part of EN ISO 14122 contains a Bibliography.