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Safety of machinery — Anthropometric requirements for the design of workstations at machinery

Sécurité des machines — Prescriptions anthropométriques relatives à la conception des postes de travail sur les machines

Reference number
ISO 14738:2002(E)

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Foreword

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International Standard ISO 14738 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee TC 159, *Ergonomics*, Subcommittee SC 3, *Anthropometry and biomechanics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Throughout the text of this standard, read "...this European Standard..." to mean "...this International Standard...".

Annex A forms a normative part of this International Standard. Annex B is for information only.

For the purposes of this International Standard, the CEN annex regarding fulfilment of European Council Directives has been removed.

Foreword

This document (EN ISO 14738:2002) has been prepared by Technical Committee CEN/TC 122 "Ergonomics", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 159 "Ergonomics".

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of an identical text or by endorsement, at the latest by February 2003, and conflicting national standards shall be withdrawn at the latest by February 2003.

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).

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This International Standard is one of several ergonomics standards for the safety of machinery. EN 614-1 describes the principles designers should adopt in order to take account of ergonomic factors.

This International Standard describes how these principles should be applied by using anthropometric requirements for the design of workstations at machinery.

In addition it is recommended that the postures and movements that are imposed by the machinery design are evaluated as described in ISO 11226 and prEN 1005-4.

This International Standard has been prepared to be a harmonized standard in the sense of the Machinery Directive and associated EFTA regulations.