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Office furniture - Screens - Part 2: Mechanical safety requirements

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It has been drawn up by Technical Committee CEN/TC 207.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CEN

European Committee for Standardization
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Foreword

This European Standard was presented by the Sub Committee CEN/TC207/SC3 "Office Furniture". The Secretary is held by France.

This text is one part of a general standard concerning safety and performance requirements for office screens.

The work programme of CEN/TC207/SC3 includes the following parts :

EN 1023-1 Office furniture - Screens

Part 1 : Dimensions

EN 1023-3 Office furniture - Screens

Part 3 : Test methods

No existing European standard is superseded.

In accordance with the Common CEN/CENELEC Rules the following countries are bound to implement this European Standard : Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

INTRODUCTION

At the very beginning of this work, this text was intended to specify overall requirements of all safety aspects of office screens. However standards for some aspects which will ultimately be referred to in this standard are not yet available. This edition of this standard has been issued to specify requirements where the related standards exists, and is therefore limited to mechanical safety requirements.

1 SCOPE

This part of this European standard EN 1023 specifies the mechanical requirements for safety of office screens.

2 NORMATIVE REFERENCES

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.
pr EN 1023-3 Office furniture - Screens - Part 3 : Test methods.

3 GENERAL RULES FOR DESIGN

The general shape of the screen shall be so designed as to minimize the risk of injury to users.

All parts of screens with the user comes into contact, in normal conditions of use, shall be so designed that the risk of personnel injury and damage to property is minimised (no burrs or sharp edges on accessible parts).

The requirement to minimize the risk of injuries is met if the edges are rounded free from burrs and if the corners are rounded with a minimum radius of 2 mm.
In the same way, requirements are met if all edges, which can be in contact with the user in normal use, are rounded with a minimum radius of 2 mm.

Movable and adjustable parts shall be designed to minimize the risk of injuries and inadvertent operation or release.

To avoid crushing hazards, all moving parts which are accessible in normal use, shall have safety distances in any position during movement of ≤ 8 mm or ≥ 25 mm.

Handles shall not be sharp. They shall be so designed that they cannot trap fingers, under conditions or normal use.