



**SLOVENSKI STANDARD**  
**oSIST prEN ISO 26800:2010**  
**01-marec-2010**

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Ergonomics - General approach, principles and concepts (ISO/DIS 26800:2009)

Ergonomie - Allgemeine Vorgehensweise, Prinzipien und Konzepte (ISO/DIS 26800:2009)

Ergonomie - Approche générale, principes et concepts (ISO/DIS 26800:2009)

**Ta slovenski standard je istoveten z: prEN ISO 26800**

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**ICS:**

13.180

Ergonomija

Ergonomics

**oSIST prEN ISO 26800:2010**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN ISO 26800**

November 2009

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ICS 13.180

English Version

## Ergonomics - General approach, principles and concepts (ISO/DIS 26800:2009)

Ergonomie - Approche générale, principes et concepts  
(ISO/DIS 26800:2009)

Ergonomie - Allgemeine Vorgehensweise, Prinzipien und  
Konzepte (ISO/DIS 26800:2009)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 122.

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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (prEN ISO 26800:2009) has been prepared by Technical Committee ISO/TC 159 "Ergonomics" in collaboration with Technical Committee CEN/TC 122 "Ergonomics" the secretariat of which is held by DIN.

This document is currently submitted to the parallel Enquiry.

### Endorsement notice

The text of ISO/DIS 26800:2009 has been approved by CEN as a prEN ISO 26800:2009 without any modification.

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## DRAFT INTERNATIONAL STANDARD ISO/DIS 26800

ISO/TC 159/SC 1

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# Ergonomics — General approach, principles and concepts

*Ergonomie — Approche générale, principes et concepts*

ICS 01.040.13; 13.180

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This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

**In accordance with the provisions of Council Resolution 15/1993 this document is circulated in the English language only.**

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**ISO/DIS 26800****Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO/DIS 26800 was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 1, and by Technical Committee CEN/TC 122, *Ergonomics* in collaboration.

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## Introduction

Human, technological, economic, and organizational factors all affect the behaviour and well-being of people in work, domestic, and leisure contexts. The science of ergonomics has evolved from its origins in the context of work to embrace many other fields of application. However, whatever the context, the underlying principles of ergonomics remain the same, although their relative emphasis will vary. These principles are fundamental to the design process wherever human involvement is expected, in order to ensure the optimum integration of human requirements and characteristics into the design. ISO/DIS 26800 presents these principles and describes a number of concepts which can be used in understanding and applying these principles. These principles and concepts serve to improve safety, performance, effectiveness and efficiency while safeguarding and enhancing human health, well-being and satisfaction.

Ergonomics covers a wide range of issues, including physical, cognitive and organisational. These are ideally addressed within an integrated framework. A substantial number of ergonomics standards dealing with different aspects and different contexts have been developed. ISO/DIS 26800 has been developed in order to bring together in one document the basic principles and concepts of ergonomics that are dealt with in these other ergonomics standards.

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