



SLOVENSKI STANDARD SIST EN ISO 15008:2009

01-april-2009

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SIST EN ISO 15008:2003

**Cestna vozila - Ergonomski vidiki transportnih informacij in kontrolnih sistemov -
Specifikacije in postopki preskušanja za vizualno predstavitev v vozilu (ISO
15008:2009)**

Road vehicles - Ergonomic aspects of transport information and control systems -
Specifications and test procedures for invehicle visual presentation (ISO 15008:2009)

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Véhicules routiers - Aspects ergonomiques des systèmes d'information et de commande
du transport - Spécifications et méthodes d'essai pour la présentation visuelle à bord du
véhicule (ISO 15008:2009)

Ta slovenski standard je istoveten z: EN ISO 15008:2009

ICS:

13.180	Ergonomija	Ergonomics
43.040.15	Opredeljena področja računalniških sistemov v vozilih	Car informatics. On board computer systems

SIST EN ISO 15008:2009 en

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NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 15008

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Supersedes EN ISO 15008:2003

English Version

Road vehicles - Ergonomic aspects of transport information and control systems - Specifications and test procedures for in-vehicle visual presentation (ISO 15008:2009)

Véhicules routiers - Aspects ergonomiques des systèmes d'information et de commande du transport - Spécifications et méthodes d'essai pour la présentation visuelle à bord du véhicule (ISO 15008:2009)

This European Standard was approved by CEN on 21 January 2009.

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Foreword

This document (EN ISO 15008:2009) has been prepared by Technical Committee ISO/TC 22 "Road vehicles" in collaboration with Technical Committee CEN/TC 278 "Road transport and traffic telematics", the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by August 2009, and conflicting national standards shall be withdrawn at the latest by August 2009.

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

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The text of ISO 15008:2009 has been approved by CEN as a EN ISO 15008:2009 without any modification.

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INTERNATIONAL STANDARD

ISO 15008

Second edition
2009-02-15

Road vehicles — Ergonomic aspects of transport information and control systems — Specifications and test procedures for in-vehicle visual presentation

*Véhicules routiers — Aspects ergonomiques des systèmes
d'information et de commande du transport — Spécifications et
méthodes d'essai pour la présentation visuelle à bord du véhicule*

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ISO 15008:2009(E)**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 15008 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 13, *Ergonomics applicable to road vehicles*.

This second edition cancels and replaces the first edition (ISO 15008:2003), which has been technically revised.

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Introduction

Driver and vehicle form an integrated system that includes the environment, the primary vehicle controls, the instrumentation and the transport information and control systems (TICS). The task of driving, as well as human capabilities and limitations, are other important factors in the performance of this system.

TICS are intended to support drivers in their primary task, and it is therefore expected that the overall workload of the driver will not be negatively influenced by the use of TICS, while performance and comfort are increased.

The visual characteristics of display systems are only one set of factors influencing this process. They therefore need to be considered, along with human capabilities, in connection with the other elements of the driving environment.

Visual specifications fall within a wide range of environmental conditions and constitute only one necessary condition for adequate performance, comfort and workload. They refer to the relevant range of illumination conditions and to the location of the display with respect to the driver.

The following substantial changes have been made compared with the first edition of this International Standard:

- extension of the scope,
- updating of normative and bibliographic references, and terms and definitions,
- clarification of design viewing positions,
- referencing of contrast measurement methods and angles to SAE J1757/1:2007,
- changing of illumination ranges; addition of twilight condition,
- inclusion of outlined characters,
- exclusion of colour contrast,
- changing of minimum character heights,
- inclusion of Chinese and Japanese characters, and
- clarification of character dimension specifications.

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