

norm

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Ergonomics of human-system interaction
- Part 307: Analysis and compliance test
methods for electronic visual displays
(ISO/DIS 9241-307:2006,IDT)

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Ergonomics of human-system interaction - Part 307: Analysis and compliance test methods for electronic visual displays (ISO/DIS 9241-307:2006)

Ergonomies de l'interaction homme-système - Partie 307: Analyse et méthodes d'essais de conformité pour écrans visuels électroniques (ISO/DIS 9241-307:2006)

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Foreword

This document (prEN ISO 9241-307:2006) 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 9241-307:2006 has been approved by CEN as prEN ISO 9241-307:2006 without any modifications.



Ergonomics of human-system interaction —

Part 307:

Analysis and compliance test methods for electronic visual displays

Ergonomies de l'interaction homme-système —

Partie 307: Analyse et méthodes d'essais de conformité pour écrans visuels électroniques

ICS 13.180; 35.180

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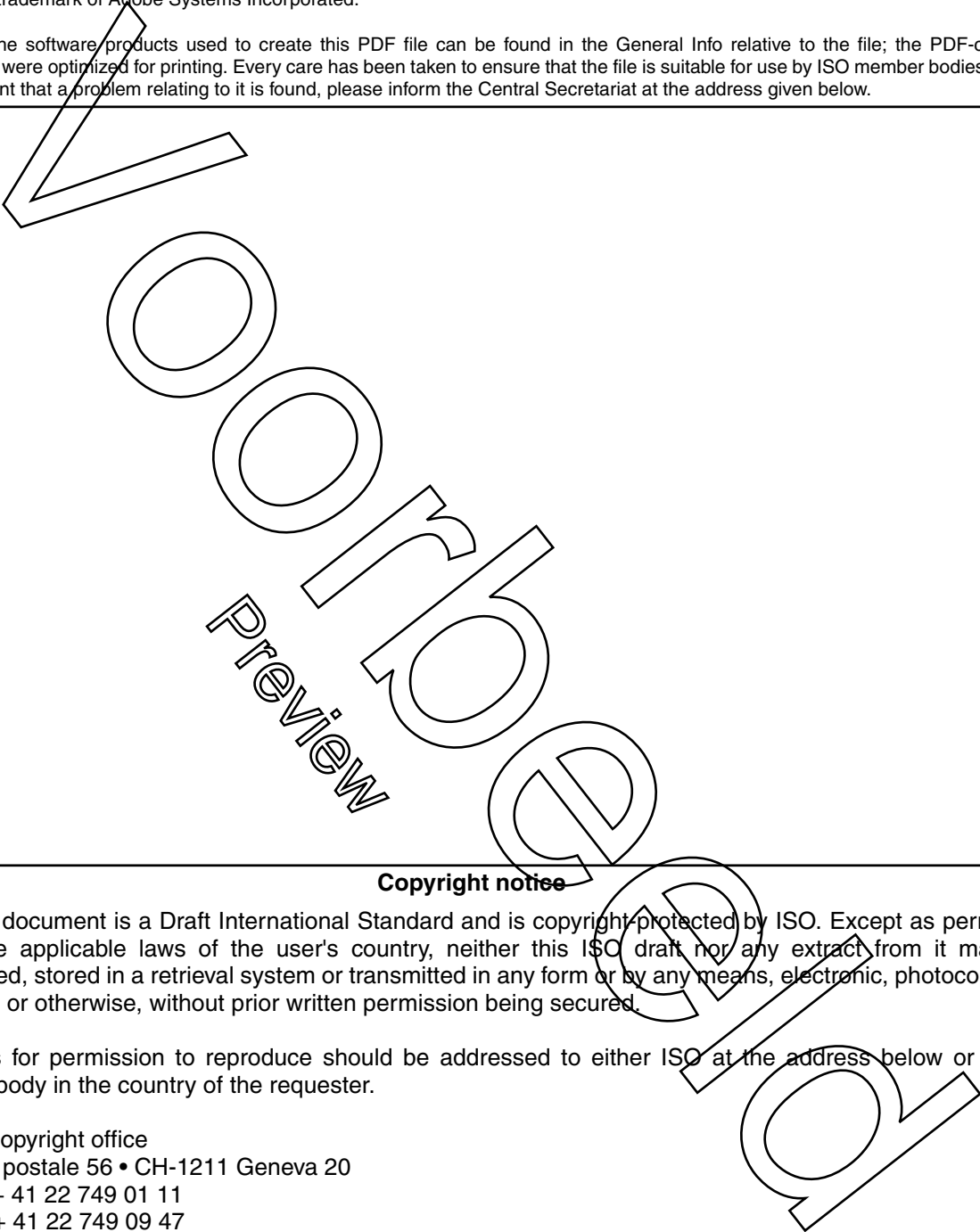
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Preview
D R A F T
 9241-307

Foreword

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ISO 9241-307 was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 4, and by Technical Committee CEN/TC 122, *Ergonomics* in collaboration.

This second/third/... edition cancels and replaces the first/second/... edition (), [clause(s) / subclause(s) / table(s) / figure(s) / annex(es)] of which [has / have] been technically revised.

ISO 9241 was originally developed as a seventeen part standard on the ergonomics requirements for office work with visual display terminals. As part of the standards review process, a major restructuring of ISO 9241 was agreed to broaden its scope, to incorporate other relevant standards and to make it more usable. The title of the revised ISO 9241 'Ergonomics of human-system interaction' – reflects these changes and aligns the standard with the overall title and scope of SC4. The revised multipart standard is structured as a series of standards numbered in 'hundreds' for example the 100 series deals with software interfaces, the 200 series with human centred design, the 300 series with visual displays, the 400 series with physical input devices and so on.

ISO 9241 consists of the following parts:

- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 1: General introduction*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 2: Guidance on task requirements*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 3: Visual display requirements*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 4: Keyboard requirements*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 5: Workstation layout and postural requirements*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 6: Guidance on the work environment*

- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 7: Requirements for display with reflections*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 8: Requirements for displayed colours*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 9: Requirements for non-keyboard input devices*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 11: guidance on usability*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 12: Representation of information*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 13: User guidance*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 14: Menu dialogues*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 15: Command dialogues*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 16: Direct-manipulation dialogues*
- *Ergonomic requirements for office work with visual display terminals (VDTs) — Part 17: Form-filling dialogues*
- *Ergonomics of human-system interaction — Part 110: Dialogue principles¹⁾*
- *Ergonomics of human system interaction — Physical input devices — Part 400: Ergonomic principles: introduction and requirements*

¹⁾ ISO 9241-10 is replaced by ISO 9241-110 with the new title: "Ergonomics of human-system interaction – Dialogue principles"

Ergonomics of human-system interaction —

Part 307:

Analysis and compliance test methods for electronic visual displays

1 Scope

This part of the ISO 9241-300 series of standards establishes compliance routes for different display technologies, tasks and environments. The measurement procedures of part 305 and the generic requirements of part 303 are used to define the compliance procedures for different technologies and intended contexts.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/DIS 9241-301, *Ergonomics of human system interaction – Ergonomic requirements and measurement techniques for electronic visual displays – Part 301: Introduction and overview*

ISO/DIS 9241-302, *Ergonomics of human system interaction – Ergonomic requirements and measurement techniques for electronic visual displays – Part 302: Terms and definitions*

ISO/DIS 9241-303, *Ergonomics of human system interaction – Ergonomic requirements and measurement techniques for electronic visual displays – Part 303: Ergonomic requirements*

ISO/DIS 9241-304, *Ergonomics of human system interaction – Ergonomic requirements and measurement techniques for electronic visual displays – Part 304: User performance test methods*

ISO/DIS 9241-305, *Ergonomics of human system interaction – Ergonomic requirements and measurement techniques for electronic visual displays – Part 305: Optical laboratory test methods*

ISO/DIS 9241-306, *Ergonomics of human system interaction – Ergonomic requirements and measurement techniques for electronic visual displays – Part 306: Field assessment methods*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/DIS 9241-302 apply.

4 Preamble

This standard addresses different technologies for a wide range of visual display tasks and environments. The structure is made in a modular way. Therefore it is possible to make amendments to the standard as new technology development enables new forms of display interaction or new contexts of use are available.

Bestelformulier

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