

ICS 13.180
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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 18978.12-2009

**Ergonomic requirements for office work with visual display
terminals (VDTs) -- Part 12: Presentation of information**

使用视觉显示终端(VDTs)办公的人类工效学要求 第12部分：信息呈现
(English Translation)

Issued on: May 6, 2009

Implemented on: November 1, 2009

Issued by: Standardization Administration of China

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Foreword

GB/T 18978 "use of visual display terminals (VDTs) Ergonomic requirements for office" covers the use of visual display terminals involved Hardware and software requirements for ergonomics, divided into 17 sections.

- Part 1. Overview
- Part 2. Task Requirements Guide
- Part 3. Visual display requirements
- Part 4. Keyboard requirements
- Part 5. Workbench layout and postural requirements
- Part 6. Guide for Working Environment
- Part 7. display requirements with reflection
- Part 8. Display color requirements
- Part 9. requirements for non-keyboard input devices
- Part 10. Dialogue principles
- Part 11. Usability Guidelines
- Part 12. Information presented

--- Part 13. User's Guide

--- Part 14. Menu dialogues

--- Part 15. Command dialogues

--- Part 16. Direct operating dialogue

--- Part 17. Dialogue sheet this part of GB/T 18978 Part 12.

This section identical with ISO 9241-12:1998 "using a visual display unit 12 terminals (VDTs) Ergonomic requirements for office Score. information presentation "(in English).

Appendix A of this section is an informative annex.

This part of the National Standardization Technical Committee on Ergonomics of human and centralized.

This section is drafted. Lenovo (Beijing) Co., Ltd., China National Institute of Standardization.

Introduction

GB/T 18978 include a visual display hardware and software ergonomics aspects of end-use. GB/T 18978-1 in on GB/T 18978 various parts of their relationship, each part of the target user has been described.

This section presents the main issues involved in visual terminals (VDTs) information, including some of the design goals for the information was Now provides high-level guidance. This section relates to improved performance and user satisfaction of information organization and coding techniques. Chapter 5 to Chapter 7, designed to show a number of recommendations, basically on a variety of technical dialogue are applicable. This part can be with other forms of guidance Used together, such as GB/T 18978-10 (Appendix B 2) proposed seven principles, each of which is a principle can help users to synthesize Suitable way to present a visual display of information.

GB/T 18978 in this section applies to the following types of users.

- a) user interface designers, they will apply this section in the development stage.
- b) product procurement staff, who in the procurement process will make reference to this section, the product from the end user may in this section Benefit.
- c) ensure that the staff responsible for product compliance with this proposal.
- d) for the interface designers who design interface development tools.
- Internal e) for the software industry standard interface design written guidance (such as "Interface Style Guide"), author.

Other guidelines include the software industry's "interface style guide" and so on. Taking into account the technical problem with the system hardware and software attributes, but also it can help to provide some guidance on enhanced interface design consistency, especially in providing a high-level guidance on this section mentioned Style guide specific implementation methods.

The ultimate beneficiaries of this section is the end-user visual front end, even though the end user may not read this section, or I do not know the existence of such a standard, but the standard applications but they can provide a more uniform and easier to use interface for the user, and the resulting higher raw Productivity.

This section contains information about the condition and general recommendations presented recommendations. General recommendations for most users, any Service, environment and technology, and conditional recommendation applies only to certain situations (such as a specific type of user, task, environment and technology). Conditional construction Proposed the use of "if then" structure. These recommendations mainly by examining the relevant literature and empirical fact, these elements are summarized shape Into recommendations for interface design and/or evaluation personnel.

GB/T 18978.12-2009/ISO 9241-12:1998 Use of visual display terminal (Vp DT Ju) office Ergonomic requirements Part 12. Information presented

1 Scope

GB/T 18978 Part of the task is divided into information for the office as well as the presentation of text and graphics displayed on the user interface information Ergonomics Special property provides advice and recommendations on the design and evaluation of visual information presented, including the coding techniques.

These recommendations can be applied throughout the design process (eg designers to provide guidance in the design, as well as heuristic evaluation as a basis with testing guidelines). Information about color is limited to use as an accent color and classified information Ergonomics recommendations (about color Other recommended see ISO 9241-8).