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

GB/T 11460-2025

Replacing GB/T 11460-2009

**Information technology - Requirements and test method for the
Chinese ideograms font**

信息技术 汉字字型要求和检测方法

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 11460-2009 "Information Technology - Requirements and Testing Methods for Chinese Character Fonts" and is consistent with GB/T 11460-2009. Compared to previous versions, aside from structural adjustments and editorial changes, the main technical changes are as follows:

- a) Five terms were deleted and twelve terms were added (see Chapter 3, Chapter 3 of the.2009 edition);
- b) The vocabulary range requirements for font products have been changed (see 4.1,.2009 version 4.1);
- c) The "non-dot matrix Chinese character font" was changed to a "curved font", and the corresponding technical details were modified (see 4.3, 4.4 in the.2009 version);
- d) Added "Detection Target" (see 5.2);
- e) The detection requirements and methods for dot-matrix and curved fonts have been revised, and detailed regulations have been added (see 5.4, 5.5,.2009 edition). 5.3, 5.4);

f) The "Detection Procedure" and "Detection Steps" have been removed (see sections 6.2 of the 2009 version);

g) Added font print sample format requirements (see Appendix C). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Information Technology Standardization Technical Committee (SAC/TC28). This document was drafted by: China Electronics Technology Standardization Institute, Beijing Founder Electronics Co., Ltd., and Beijing Hanyi Innovation Technology Co., Ltd. Limited Liability Company, Cultural and Art Publishing House Co., Ltd., Tongji University, Institute of Software, Chinese Academy of Sciences, Tianjin Zhuoman Technology Co., Ltd. Weifang Beida Jade Bird Huaguang Phototypesetting Co., Ltd., China Three Gorges Corporation, Beijing Aichi Star Technology Co., Ltd., Shangrao Teachers College, Inspur Electronic Information Industry Co., Ltd., and Zhejiang Zianxin Information Technology Co., Ltd. The main drafters of this document are: Wang Xin, Cui Xiaolin, Cao Ying, Jin Jun, Wang Wen, Zheng Naiyu, Zhang Guorong, Bai Yun, Chen Yongcong, Huang Shanshan, and Ye Chen. Liu Huidan, Zhong Daojun, Yin Jianmin, Chen Ang, Zhao Huan, Huang Qibao, Xu Xin, Zhang Bailin, Zhang Ji. The release history of this document and the document it replaces is as follows:

---First published in 1989 as GB/T 11460-1989, revised for the first time in 2000, and revised for the second time in 2009;

---This is the third revision. Information Technology Requirements and Testing Methods for Chinese Character Fonts

1 Scope

GB/T 11460-2025 is the Chinese national standard on information technology - requirements and test method for the Chinese ideograms font, in the field of information technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 5 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2026. Classification: ICS 35.240.20, CCS L60. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the requirements for the font type of Chinese characters in the body text and describes the corresponding detection methods. This document applies to the design, research and development, application, and testing of Chinese character font

products.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2312 Basic Set of Chinese Character Coded Character Set for Information Interchange

GB/T 13000 General Coded Character Set for Information Technology (UCS)

GB 18030 Information Technology Chinese Coded Character Set GB /Z 40637 Standard Character Form Table for General Use in Printing Ancient Books General Standard Chinese Characters List (Document No. 23 of.2013, issued by the State Council)

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 texttypeface This font was designed and developed to ensure smooth reading of densely formatted long texts.

Note. Such as. Songti, Kaiti, Fangsongti, Heiti, etc.

3.2 font A collection of glyphs that share the same basic design.

3.3 bitmap font The implementation method of graphic characters in information systems. The shape of a graphic character is represented by a set of points.

3.4 Outline font The implementation of graphic characters in information systems. The shape of the graphic character is represented by a set of curves described by functions.

3.5 glyph Recognizable abstract graphic symbols that do not depend on any specific design.

3.6 vocabulary repertoire A specified set of characters represented by an encoded character set.