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

GB 25904.3-2010

Information technology -- Universal multi-octet coded character set -- Sibe, Manchu nominal characters, presentation forms and composite characters. 24 Dot matrix fonts -- Part 3: Zouzhe Ti

信息技术 通用多八位编码字符集 锡伯文、满文名义字符、显现字符与合体字 24
点阵字型 第3部分：奏折体

(English Translation)

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Foreword

All technical contents of this section is mandatory.

GB 25904 "Information technology - Universal Multiple-Octet Coded Character Set Xibe nominal full text characters, appear fit character 24 points Array shaped "divided into the following parts.

- part 1. big black body;
- Part 2. body running script;
- part 3. memorial body.

This part of the GB 325,904 Part.

This part of the "show character set and control characters using the rules of IT Mongolian distortion" according to GB/T 26226 stipulated Xibe Wen, the full text of the name of a character, the character appears deformed, compound characters and special symbols to our current Xibe-literal language literature and full text Form the basis of, and in accordance with the provisions of the rules of orthography "Modern Xibe literary language orthography" in design and provides information systems Xibe, Manchu Wen dot memorial body 24 (see Appendix A) font.

Appendix A of this section, Appendices B and C are informative appendix, Appendix D is normative.

This part of the proposed and managed by the National Information Technology Standardization Technical Committee (SAC/TC28).

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Introduction

Authorization to use the relevant font data transfer matters, to maintain the standard font data, updating and revision of unity is responsible for the centralized units.

Information technology - Universal Multiple-Octet Coded Character Set Xibe, Manchu nominal character, showing characters and compound characters 24 dot font Part 3. memorial body

1 Scope

This section specifies the GB 25904 GB/T 26226 in Xibe nominal full text characters, the characters appear deformed forcibly fit words and Specific numbers, punctuation memorial body 24 dot font.

This section applies to Xibe full text display apparatus in an information processing system, dot matrix printing apparatus, but also applicable to other related equipment.

2 Normative references

Terms of the following documents constitute provisions of this section by reference in this part of GB 25904. All the reference documents the date of its all subsequent amendments (excluding corrections) or revisions do not apply to this section, however, encourage agreements based on this section each Whether the parties can study the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 13000 Information technology - Universal Multiple-Octet Coded Character Set (UCS) (GB 13000-2010, ISO/IEC 10646:2003, IDT) GB/T 26226 IT Mongolian deformation show character set and control characters use rules

3 Terms and Definitions

The following terms and definitions apply to this section.

Font glyph

One kind of recognizable abstract graphic symbol, it does not depend on any particular design.

Font font

Glyph image set having the same basic design, such as. memorial body.

Bitmap fonts dotmatrixfont to the point of collection to show the graphic character (type) form.

Word order characterorder in the graphic character set is arranged in order according to certain rules.

Word high characterheight the effective height of the dot graphic characters, in dots.

4 Xibe, Manchu graphic characters

4.1

The number of characters this predetermined section based on GB/T 26226, providing 231 Xibe full text of graphic characters, wherein.

- a) Xibe, Manchu and Alcock Ga ceremony in the name of 81 characters;
- b) Xibe full text characters 59 show a single modification;
- c) Xibe full text characters mandatory body 54;
- d) Xibe dedicated digital full text, punctuation marks 37.

Xibe, Manchu character code information and serial number data in Appendix B.

4.2 Character word order

This section provides 231 Xibe nominal full text characters, the characters appear deformed forcibly fit and dedicated digital word, punctuation Bitmap fonts, which are arranged in the order specified order GB/T 26226's.

5 Standard data management

To strengthen the management of information technology products with Mongolian standard text font and font data, to ensure the implementation of this part of the data Consistency and correctness, authorizing the transfer of matters relating to the use of font data, font standard data maintenance, updating and revision, unified by the Responsible focal point.

6.1 Grid

A grid of horizontal and vertical lines equidistant intersect to form a plurality of strips.

This section provides a dot 24 (refer to the letter box) font, which is transverse grid 24 grid, 24 longitudinal grid. The center of each grid point in a given Heart position.

Only the grid points constituting the lattice is positioned, the lattice grid 24 shown in Figure 1.

FIG dot raster 124

6.2 Points

Point is the smallest unit constituting a dot-shaped, round or square in order to represent, each square which is located within the black areas.

6.3 Lattice words

Words Xibe, Manchu character bitmap fonts, graphics, placed by a number of points in the grid in the collection to represent. Xibe, Manchu "" The word lattice 24 as shown in FIG.

Figure 2 Xibe, Manchu, "" 24 dot matrix typeface memorial body

6.4 Dot character height data

This section provides 231 Xibe Manchu memorial body 24 dot font character height data see Appendix C.

7.1 Bitmap font data

This section provides 231 Xibe Manchu memorial body 24 dot font data is represented in Appendix D.

7.2 Bitmap fonts

This predetermined section based on GB/T 26226 and provided 231 Xibe memorial body 24 dot font character pattern full text follows.

Note: According to "Modern Sieber literary language orthography" This section increases the number is 0136,0137,018A, 018B of four characters, according to GB/T 26226 in the requirement to use.

Appendix A

(Informative)

Memorials body

Memorials body Xibe, Manchu of the Qing Dynasty Emperor Qianlong Sheng Yu derived from the approval fonts. The body of the font used in the article, suggesting boxes, text Modifications and the like.

Appendix B

(Informative)

Xibe, Manchu character code and serial number data this section provides 231 Xibe full text of graphic characters, 81 and 37 on behalf of numbers, punctuation marks GB 13000 there