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

GB 25910.2-2010

**Information technology -- Uyghur, Kazak, Kirgiz coded
character set. 48 Dot matrix font -- Part 2: Tuz bold**

信息技术 维吾尔文、哈萨克文、柯尔克孜文编码字符集 48点阵字型 第2部分：正文黑体

(English Translation)

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Foreword

All technical content in this section is mandatory.

GB 25910 "IT Uyghur, Kazak, Kirgiz coded character set 48 dot matrix font" is divided into the following sections.

- Part 1. body white body;
- Part 2. Text in bold;
- Part 3. Libraries non-white body;
- Part 4. Non-blackbody library;
- Part 5. such as grams of white body;
- Part 6. blackbody as grams;
- Part 7. Tariq white body;
- Part 8. Tariq blackbody;

This section is part of the 2 GB 25910.

This section based on GB 21669-2008 "IT Uyghur, Kazak, Kirgiz coded character set" under Uyghur, Kazak, Kirgiz nominal character, appeared deformed characters and common symbols, with our current standard Uighur, Kazakh Sack paper, Kirghiz text form the basis and in accordance with existing norms Uyghur, Kazak, Kirgiz orthographic principles, design and provides information systems Uyghur, Kazak, Kirgiz 48 dot matrix text in bold (see Appendix A) fonts.

This section of the Appendices A and B are informative annex, Annex C is normative appendix.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

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.

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1 Scope

GB 25910 provisions of this part of the GB 21669-2008 in Uygur, Kazak, Kirgiz 48 character dot matrix positive Text in bold type.

This section applies to the Uygur, Kazak, Kirgiz information systems, but also for other related equipment.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 21669-2008 IT Uygur, Kazak, Kirgiz coded character set GB 13000 Information technology - Universal Multiple-Octet Coded Character Set (UCS) (GB 13000-2010, ISO/IEC 10646:2003, IDT)

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 has the same basic design of the collection, such as. text in bold.

Bitmap fonts dotmatrixfont in a collection of dots to show the graphic character type (shape).

Font width the effective width of the dot graphic characters.

Word order characterorder Graphic character in the set are arranged according to certain rules of order.

4 Graphic character

4.1

The number of characters this section according to GB 21669-2008 provisions provided Uygur, Kazak, Kirgiz 190 graphic characters, in which.

Uygur, Kazak, Kirgiz behalf of 42 characters;

Uygur, Kazak, Kirgiz deformed characters appear 143;

Uygur, Kazak, Kirgiz share numbers, punctuation marks, special symbols 5.

4.2

A character sequence this section provides 190 Uygur, Kazak, Kirgiz nominal character, appeared deformed characters and common symbols font They are arranged in the order specified in GB 13000.

5 Standard data management

In order to strengthen the exchange of information with the product with Uighur, Kazakh, Kirghiz management font and text-based data standards, to ensure that this Part in the implementation of data consistency and correctness to authorize the use of font data transfer matters, to maintain the standard font data, Updating and revision of the responsibility of the unified centralized units.

The method represents bitmap fonts

6.1 Grid

Equidistant grid by a number of vertical and horizontal lines intersect to form.

The provisions of section 48 bitmap fonts, which is a lateral grid 48 grid, 48 longitudinal grid. The center of each square is set at the center position of the point.

Raster Only constituting the lattice points are positioned 48 lattice grid shown in Figure 1.

Figure 148 dot raster

6.2 Points

Point is the smallest unit constituting the lattice-shaped, circular indicated that it is located within the black areas of the parties to the grid.

6.3 Lattice words

Words Uyghur, Kazak, Kirgiz graphic character bitmap fonts from a number of points placed within the grid to set the table Shown. Uyghur, Kazak, Kirgiz, "" the word lattice 48 shown in Figure 2.

Figure 248 words dot letters for ""

6.4 Font width information

Uyghur, Kazak, Kirgiz is unequal width font, each character has its own specific width, the width of the font width Information table to represent, see Appendix B.

7.1 Font data

Uyghur, Kazak, Kirgiz 48 dot font data representation, see Appendix C.

Table 7.2 bitmap fonts

48 dot matrix text provided in this section GB 21669-2008 in 190 Uyghur, Kazak, Kirgiz graphic characters

Table 1 in bold type.

Table 1 Uyghur, Kazak, Kirgiz Text table

Appendix A

(Informative)

Text in bold

Text in bold means straight correct font. Uyghur, Kazak, Kirgiz belongs to the type of alphabetic writing, from right line section to the left, all the characters showed their different widths. Long-term use are in bold text in the Arabic text-based process, after repeated repair Complete change after the formation of a unique style. Text in bold dash for the center, clean, beautiful, bold strokes, vigorous, moderate length, vertical painting roughness of 2/3 crude pen, in a straight shape, gives a serious, steady feeling.

The main text in bold headline for the article, editorial, etc., consistent with the body text in bold white body style, but the stroke thickness, the text line Article on the severity vary.

Appendix B

(Informative)

Font width information table Uyghur, Kazak, Kirgiz is unequal width font, each character has its own specific width, font width information table this section defines the effective width of the 190-character dot pattern, see Table B.1.