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

GB 25907.1-2010

**Information technology -- Uyghur, Kazak, Kirgiz coded
character set. 16 Dot matrix font -- Part 1: Tuz lean**

信息技术 维吾尔文、哈萨克文、柯尔克孜文编码字符集 16点阵字型 第1部分：正文白体

(English Translation)

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Foreword

All technical content in this section is mandatory.

GB 25907 "IT Uyghur, Kazak, Kirgiz coded character set - 16 dot matrix" 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 is part of the GB Part 125 907.

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 16 dot white body text fonts (see Appendix A).

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 proposed (SAC/TC28) and centralized.

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 25907 provisions of this part of the GB 21669-2008 in Uygur, Kazak, Kirgiz 16 character dot matrix positive White body text font.

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 set having the same basic design, such as. text white body.

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 16 bitmap fonts, which is a lateral grid 16 grid, 16 longitudinal grid. The center of each square is set at the center position of the point.

Raster Only constituting the lattice points are positioned 16 dot grid shown in Figure 1.

Figure 1 16 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 16 shown in Figure 2.

Figure 216 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 - 16 dot matrix representation of the data, see Appendix C.

Table 7.2 bitmap fonts

16 dot matrix text GB 21669-2008 in 190 This section provides the Uighur, Kazakh, Kirgiz graphic characters White body font in Table 1.

Table 1 Uyghur, Kazak, Kirgiz Text table

Appendix A

(Informative)

White body text

White body text 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. White body is the body of long-term use Arabic text-based process, after repeated repair Complete change after the formation of a unique style. Body white body as the center dash, clean, beautiful, bold strokes, vigorous, moderate length, vertical painting roughness of 2/3 crude pen, in a straight shape, gives a serious, steady feeling.

White body is the body of Uyghur, Kazak, Kirgiz standard fonts, high practical value, using a wide range, mainly for newspapers Printed books, the handwriting is the first choice and calligraphy plaque with the word.

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.