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JIS

JAPANESE INDUSTRIAL STANDARD

Handprinted HIRAGANA characters for Optical Character Recognition

JIS X 9009-1991

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by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Handprinted HIRAGANA characters for Optical   X 9009-1991
Character Recognition

1. Scope

This Japanese Industrial Standard specifies the character form of handprinted HIRAGANA to be used for Optical Character Recognition (hereafter, referred to as OCR) as well as the specification of lateral and vertical writing relating to this.

> Informative reference: The character form of handprinted KANJI for OCR and items relating to this are shown as informative reference.

2. Definitions

For the purpose of this standard, the following definitions of terms apply.

(1) HIRAGANA Hiragana shall be the following 85 in total of characters and symbols "あいうえお かきくけこ さしすせそ たちつてと なにぬねの はひふへほ まみむめも やゆよ らりるれろ わゐゑをん がぎぐげご ざじずぜぞ だぢづでど ばびぶべぼ ぱぴぷぺぽ ぁぃぅぇぉっゃゅょゎ and . (period) ,(comma)".

(2) character form Actual graphics realized at writing or printing.

(3) character style This is the general idea of characters in the base of expressed character form and designates the manner of points and strokes as elements to discriminate individual characters. Namely, the character style is abstract and is expressed as character form in reality.

(4) line element Line written in one stroke of pen constructing individual character form.

(5) line width Width of line element.

(6) clearance Significant blank to be held between line elements constructing character form.

(7) projection Part of line element projected from intersection with line to be reference when two line elements intersect or contact at one point.

This is recognized in character form such as "あ お か き け さ す せ た ち な ぬ ね は ま み む め も や ゆ よ れ わ を ぁ ゃ ゅ ょ ゎ".

(8) HANE (Sweep) Additional part indicating transition in writing order from end part of one line element to other line element.

This is recognized in character form of "い か い".