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

GB/T 15120.1-2013

Replacing GB/T 15120.1-1994; GB/T 15120.3-1994

Identification cards -- Recording technique -- Part 1: Embossing

识别卡 记录技术 第1部分：凸印

(English Translation)

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Foreword

GB/T 15120 "Identification cards - Recording technique" is divided into three parts.

--- Part 1. letterpress;

--- Part 2. low coercivity magnetic stripe;

--- Part 6. Magnetic stripe - High coercivity.

This section GB/T 15120 Part 1.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This Part replaces GB/T 15120.1-1994 "Identification cards - Recording technique - Part 1. Embossing" and GB/T 15120.3-1994 "Part 3 Identification cards - Recording technique. position the ID-1 type card embossed characters." this section compared with the GB/T 15120.1-1994, the main changes are as follows.

--- This revision includes requirements GB/T 15120.3-1994 given;

--- The original ISO/IEC 7810. This section is transferred to the special physical characteristics of embossed described in 1995;

--- Adds an informative appendix test method is used to describe the performance of letterpress.

This section uses the translation method identical with ISO/IEC 7811-1:2002 "Identification cards - Recording technique - Part 1. Embossing." Consistency correspondence between this part of international documents and normative references of our files are as follows.

--- GB/T 12053 optical recognition of alphanumeric character sets - Part 1. OCR-A character set shape and size of the printed image Inch (GB/T 12053-1989, idt ISO 1073-1. 1976)

--- GB/T 12508 optical recognition of alphanumeric character sets - Part 2. OCR-B character sets shape and size of the printed image Inch (GB/T 12508-1990, eqv ISO 1073-2. 1976)

--- GB/T 14916 Identification cards - Physical characteristics (GB/T 14916-2006, ISO/IEC 7810:2003, IDT)

--- GB/T 15694.1 identification card issuers part identification 1. numbering system (GB/T 15694.1-1995, idt ISO/IEC 7812-1:1993)

--- GB/T 15694.2 identification card issuers - Part 2. Application and registration procedures (GB/T 15694.2-2002, ISO/IEC 7812-2:2000, NEQ)

--- GB/T 17554.1 Identification cards - Test methods - Part 1. General characteristics of the test (GB/T 17554.1-2006, ISO/IEC 10373-1:1998, MOD)

--- SJ/Z9079 for printing specifications for optical character recognition (SJ/Z9079-1987, idt ISO 1831. 1980) this part of ISO/IEC 7811-1:2002 compared, there is a small number of editorial changes.

--- Deleted international standards foreword;

--- Deleted text imperial units.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

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

This section drafted by. China Electronics Standardization Institute.

1 Scope

GB/T 15120 in this section specifies the requirements for the identification card embossed characters. Embossed characters for data transfer, either by transfer Embossing machine, you can use the visual or machine readable way. This section considers the factors of human and machine aspects and clarify the minimum requirement.

The purpose of this section is to provide a card guidelines should be followed. In this

section does not consider the amount of use, if any, is based on previous Experience card test. It does not comply with the guidelines should be negotiated in the two sides involved in.

ISO/IEC 10373-1 specifies the test procedures for verifying compliance with the card parameters specified in this section.

Note: In this section used in the International System of Units and/or imperial measuring system of value may have been converted, and thus is not exactly equal to each other. Two kinds Format may be used, but the two should not be mixed or re-converted. It was originally designed to use imperial measuring system.

2 Compliance

A prerequisite for compliance with this section is consistent with ISO/IEC 7810 requirements regarding ID-1 type card. If compliance with this tag all will be part of the requirements, it is consistent with this section. Unless otherwise specified, use the default values.

3 Normative References

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 1073-1 optical recognition of alphanumeric character sets - Part 1. OCR-A character set of the printed image shapes and sizes

(Alphanumericcharacter sets for optical recognition-Part 1.

Character set OCR-A-Shapes and dimensions of the printed image) ISO 1073-2 optical recognition of alphanumeric character sets - Part 2. OCR-B character set of the printed image shapes and sizes (Alphanumeric character sets for optical recognition-Part 2.

Character set OCR-B-Shapes and dimensions of the printed image) ISO 1831 for printing specifications for optical character recognition

(Printing specifications for optical character recognition) ISO/IEC 7810 Identification cards - Physical characteristics (Identification cards-Physical characteristics) ISO/IEC 7812-1

Identification card issuers identification - Part 1. Numbering System

(Identification cards-Identification of issuers-Part 1. Numbering system) ISO/IEC 7812-2

Identification card issuers identification - Part 2. Application and registration procedures (Identification cards-Identification of issuers-Part 2. Application and registration procedures)

ISO/IEC 10373-1 Identification cards - Test methods - Part 1. General characteristics tests (Identification cards-Test methods-Part 1. General characteristic tests)

4 Terms and Definitions

Terms and definitions ISO/IEC 7810 and the following definition of terms and definitions apply to this document.