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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA 452.1-2004

Print technical specifications for Resident Identity Card - Part 1: Print quality

居民身份证打印技术规范 第1部分:打印质量要求

(English Translation)

Issued on: January 1, 1970 **Implemented on: January 1, 1970**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" drafted.

This document is part 1 of GA/T 452 "Technical Specifications for Printing of National Identity Cards". GA/T 452 has issued the following sections.

--- Part 1: Printing quality requirements;

--- Part 2: Technical requirements for printing equipment.

This document replaces GA 452.1-2004 "Technical Specifications for Resident Identity Card

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Printing Part 1: Printing Quality Requirements", which is the same as GA 452.1-Compared with 2004, except for editorial changes, the main technical changes are as follows.

--- Modified to a recommended standard.

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document specifies the requirements for printing quality in the process of making resident ID cards, describes the inspection methods, and establishes inspection rules.

This document applies to the production of resident identity cards.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB/T 250-2008 Textile color fastness test gray sample card for evaluating discoloration GA/T 448-2021 General technical requirements for resident identity cards GA/T 449-2013 Resident Identity Card Terminology GA/T 456 Resident ID Card Visual Reading Personal Information Arrangement Format GA/T 458-2021 Quality Requirements for Resident Identity Cards

3 Terms and Definitions

GA/T 449-2013 and the following terms and definitions apply to this document.

A print medium of personalization information for a resident ID card.

mirrorimage

The image effect obtained by rotating the X-axis 180° around the Y-axis of the digital image data.

4.1.1 Personalized Printing Films for Credentialing

Before printing, the personalized printing film for certification should be flat, no warping, no smudges, no obvious scratches, and the peeling strength after flat pressing with the card body is not small.

at 6N/cm.

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4.1.2 Front and back film printing alignment deviation

The printing alignment deviation of the front film and the back film is not more than 1mm in both up and down and left and right directions.

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