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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA 452.2-2004

Print technical specifications for Resident Identity Card - Part 2: Print device

居民身份证打印技术要求规范 第2部分:打印设备技术要求

(English Translation)

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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 2 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.

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This document replaces GA 452.2-2004 "Technical Specifications for Resident Identity Card Printing Part 2: Technical Requirements for Printing Equipment", and Compared with GA 452.2-2004, in addition to 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 technical requirements for resident identity card printing equipment and describes the inspection methods.

This document applies to the selection of printing equipment for 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 17540-2017 General specification for desktop laser printers GA/T 449-2013 Resident Identity Card Terminology GA/T 452.1-2021 Technical Specifications for Printing of National ID Cards Part 1: Printing Quality Requirements GA/T 460.5-2020 Resident ID Card Body Materials and Technical Specifications for Printing Films Part 5: Printing Films

3 Terms and Definitions

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

printresolution

The number of lines that the printed image can resolve.

ICCstandard

A device-independent color description standard developed by the International Color Consortium (ICC). Color devices have a standardized color description text file, this document describes how to implement standard color spaces and color space conversions.

hanging net technology screening halftone technique A technique in which a print output device converts continuous-tone color into binary data.

fixing

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The process of keeping the image on the media firm.

4.1 Appearance and structure

The equipment appearance and structure requirements are as follows.

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