

ICS 37.100.01
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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46962-2026

**Graphic technology - Management of security printing
processes**

印刷技术 安全印刷过程管理

(English Translation)

Issued on: January 28, 2026

Implemented on: March 1, 2026

Issued by: State Administration for Market Regulation

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Appendix A (Normative) Determination of Relevant Safety Requirements for the Safe Printing Management System

References

Foreword

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

Drafting.

This document is equivalent to ISO 14298:2021 "Printing technology, safety, and management of the printing process".

The following minimal editorial changes have been made to this document.

---According to the amendment to ISO 14298:2021/Amd.1.2024, add the following to the end of section 4.1. "The organization shall determine whether climate change is..." One relevant factor.

---According to the amendment to ISO 14298:2021/Amd.1.2024, add the following at the end of section 4.2. "Note. Relevant parties may have issues related to climate change." the relevant requirements.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the State Press and Publication Administration.

This document is under the jurisdiction of the National Technical Committee on Printing Standardization (SAC/TC170).

Introduction

Compared to conventional printing, secure printing has many special requirements for the safety of the production and service processes. Current secure printing management...

The lack of sufficient assurance mechanisms to ensure effective security controls makes it impossible to effectively guarantee customers' safe printing needs.

This document outlines the elements encompassing the entire process of safe printing

management, proposing methods for establishing, implementing, and maintaining a safe printing management system to achieve production safety.

The framework requirements for the security of products, processes, production conditions, locations, information, and raw material supply. Despite being influenced by market demand, specific objectives, and product characteristics...

Factors such as location, workflow, security environment, cultural factors, legal restrictions, risk assessment, and company size and structure influence the development of different organizations.

While each organization has different safety management needs, all can establish and operate their own safe printing management system using a process approach by using this document.

This system ensures the security of all operations and processes, thereby eliminating potential security risks.

Printing technology safety printing process management

1 Scope

This document specifies the requirements for the security printing management system of security printing manufacturers.

This document outlines the most basic requirements for security printing manufacturers to establish, implement, maintain, and improve a security printing management system, thereby achieving security...

Management of the entire printing process.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

organization

To achieve the objective (3.8), a person or group of people whose functions are constituted by their responsibilities, authority and interrelationships.

Note: The concept of an organization includes, but is not limited to, agents, companies, groups, trading companies, enterprises, government agencies, joint ventures, charitable organizations, or research institutions.

The above-mentioned organizations, whether or not they are legal entities, public or private. interested party; stakeholder an individual or organization that may influence, be influenced by, or perceive itself to be influenced by a decision or activity (3.1).

Requirement

Explicit, usually implicit, or mandatory requirements or expectations.

Note 1: "usually implied" means that the needs or expectations considered by the organization (3.1) and related parties (3.2) are assumed in custom or common practice.

Note 2: The requirements are explicit requirements, such as those stated in written information (3.11).

management system

The interrelationship or interaction of an organization's (3.1) policies (3.7) and objectives (3.8), and the processes (3.12) for achieving these objectives.

Group elements.

Note 1: A management system may target a single area or several areas.

Note 2: The elements of a management system include organizational structure, positions and responsibilities, planning, and operation.

Note 3: The scope of the management system includes the entire organization, clearly identifiable functions or departments within the organization, and individual functions across the organization.

Or multiple functions.

top management

A person or group of people who commands and controls the organization at the highest level (3.1).

Note 1: Top managers have the power to authorize and provide resources within the organization.

Note 2: If the scope of the management system (3.4) only covers a part of the organization, then the top manager refers to the person who manages and controls that part of the organization.

An individual or a group of people.