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Technologie graphique — Management des procédés d'impression de sécurité



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. www.iso.org/directives

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The committee responsible for this document is ISO/TC 130, *Graphic technology*.

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Introduction

General

This International Standard specifies requirements for a security printing management system for security printers.

Current security printing management practices lack sufficient guarantees that effective security controls are maintained to protect the interest of the customer as well as the general public. Using this International Standard the organization establishes, documents, implements and maintains a security printing management system. This security printing management system is regularly reviewed to continually improve its effectiveness. It is recognized that customer requirements sometimes exceed the requirements of this International Standard so the security printing management system also addresses customer requirements that are beyond the scope of this International Standard.

The adoption of a security printing management system is a strategic decision of an organization. The design and implementation of an organization's security printing management system is influenced by varying needs, particular objectives, products provided, processes employed, security environment, cultural issues, legal limitations, risk assessment and by size and structure of the organization.

To achieve the objectives of this security printing management system standard measures are taken to mitigate all of the security threats determined by an organizational risk assessment. Such controls focus upon reducing, eliminating and preventing acts that compromise the security printing management system of the organization.

It is not the intent of this International Standard to obtain uniformity in the structure of the security printing management system or uniformity of documented information. The security printing management system complies with laws and regulations in force. The requirements specified in this International Standard are supplementary to requirements for products and processes of an organization and allow for additional specific requirements from the customer.

This International Standard is intended to apply to security printers. It contains requirements that when implemented by a security printer may be objectively audited for certification/registration purposes.

Process approach

This International Standard promotes the adoption of a process approach when developing, implementing and improving the effectiveness of a security printing management system.

The application of a system of processes within an organization, together with the identification and interaction of these processes, and their management, is referred to as a "process approach". An advantage of a "process approach" is the ongoing control that it provides over the interaction between individual processes within the system of processes, as well as over their combination.

Basic principles

When implemented, the security printing management system:

- a) achieves the security of products, processes, means of production, premises, information, raw material supplies;
- b) is used to continue to meet demonstrably the requirements, and naturally, the needs of customers;
- c) affords management the confidence that the targeted degree of security is actually achieved and remains effective;
- d) affords the customers the confidence that the agreed nature and degree of security is or will be attained.

This International Standard prescribes which elements a security printing management system contains and not how a specific organization implements these elements.