

ICS 31.020
CCS L10



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

GB/T 31274-2024

**Restricted substances management systems for electrical and
electronic products - Requirements**

电子电气产品限用物质管理体系 要求

Issued on: August 23, 2024

Implemented on: December 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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1 Scope

GB/T 31274-2024 specifies the requirements for a management system controlling restricted substances in electrical and electronic products, the Chinese counterpart of IEC QC 080000. Compliance with substance restrictions cannot be achieved by testing finished goods: a product contains thousands of parts from hundreds of suppliers, any one of which

can introduce a restricted substance, and the only workable control is a management system that reaches back through the supply chain. The standard is written in the high level structure common to all modern management system standards, which makes it integrable with quality and environmental systems: the organisation and its context, leadership, planning, support, operation, performance evaluation and improvement. Within that frame it sets the substance-specific requirements, the identification of applicable restrictions, the supplier requirements and material declarations, the incoming control and analytical verification, the process controls that prevent contamination and mixing, the change management, the traceability, and the handling of nonconformity when a restricted substance is found. It takes effect on 1 December 2024.

This document specifies the requirements for the restricted substances management system of organizations related to the production of electronic and electrical products, including organizational environment, leadership, planning, support, operation, performance evaluation and improvement. This document is applicable to the evaluation of restricted substance management systems for various types and sizes of organizations, which are related to the production of electrical and electronic products.

Note. Organizations related to the production of electrical and electronic products include manufacturers, suppliers, repairers, maintainers, service providers of electrical and electronic products and their supply chains.

2 Normative references

This document has no normative references.

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Electrical and electronic products Equipment and supporting products that rely on current or magnetic fields to generate, transmit, measure such current and magnetic fields, whose rated working voltage does not exceed 1500 V for direct current and 1000 V for alternating current.

3.2 Restricted substances Substances that are restricted for use in electrical and electronic products by laws, regulations or customer requirements.

3.3 Organization A person or group of people whose functions are composed of responsibilities, authorities, relationships to achieve goals.

Note. The concept of organization includes, but is not limited to, agencies, companies, groups, firms, enterprises, institutions, administrative agencies, joint ventures, associations, charities or research institutions, or parts or combinations of the above organizations, whether or not they are legal entities, public or private.

3.4 Interested party; stakeholder A person or organization that can influence a decision or activity, is affected by a decision or activity, or believes that it is affected by a decision or activity. Examples. Customers, owners, personnel within the organization, suppliers, banks, regulators, unions, partners, social groups that may include competitors or opposition.

[Source: GB/T 19000-2016, 3.2.3]

4 Organizational environment

4.1 Understanding the organization and its environment The organization shall determine the various external and internal factors, which are related to its purpose and strategic direction and affect its ability to achieve the expected results of the restricted substances management system.

4.2 Understanding the needs and expectations of interested parties Since interested parties have an impact or potential impact on the organization's ability to manage restricted substances in a stable manner to provide products and services that meet legal and regulatory requirements and customer requirements, the organization shall determine.

4.3 Determine the scope of the restricted substance management system The organization shall determine the boundaries and applicability of the restricted substance management system to determine its scope.

4.4 Restricted substance management system and its processes

4.4.1 The organization shall establish, implement, maintain, continually improve a

5.1 Leadership and commitment

5.1.1 General Top management shall demonstrate leadership and commitment to the restricted substances management system by.

5.2 Policy

5.2.1 Establishment of policy Top management shall establish, implement, maintain a restricted substances management policy that.

5.2.2 Communication policy The restricted substances management policy shall.

5.3 Organizational roles, responsibilities, authorities Top management shall ensure that the responsibilities and authorities of positions related to restricted substance management are assigned, communicated, understood. Top management shall assign responsibilities and authorities to.

6.1 Actions to address risks and opportunities

6.1.1 When planning the restricted substance management system, the organization shall

take the factors mentioned in

4.1 and the requirements mentioned in

4.2 as inputs and identify the risks and opportunities that need to be addressed to.

6.1.2 The organization shall plan.

6.2 Planning of restricted substance management objectives and their achievement

6.2.1 The organization shall establish management objectives for relevant functions, levels and processes required for the restricted substance management system. The objectives shall.

6.2.2 When planning how to achieve restricted substance management objectives, the organization shall determine.

7.1 Resources

7.1.1 General The organization shall determine and provide the resources required to establish, implement, maintain, continually improve the restricted substances management system.

7.1.2 People The organization shall determine and provide the necessary people to effectively implement the restricted substances management system and operate and control its processes.

7.1.4 Process operating environment The organization shall determine, provide, maintain the required operating environment to operate the process and obtain products and services that meet the requirements of the restricted substance characteristics.

7.1.5 Monitoring and measurement resources

7.1.6 Organizational knowledge The organization shall determine the necessary knowledge to operate processes and obtain products and services that meet the requirements for restricted substance properties.

7.2 Competence The organization shall.

7.3 Awareness The organization shall ensure that persons working under its control are aware of.

7.4 Communication The organization shall determine the internal and external communications related to the restricted substance management system, including.

7.5 Documented information