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

GB/T 24002.1-2023

**Environmental management systems - Guidelines for using
GB/T 24001 to address environmental aspects and conditions
within an environmental topic area - Part 1: General**

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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 for Standardization Documents"

drafting:

This document is GB/T 24002 "Environmental Management System Application GB/T 24001 Management of Environmental Factors and Responses to Environmental Subject Areas"

Part 1 of the Guidance on the State of the Environment: GB/T 24002 has issued the following parts:

--- Part 1: General:

This document is equivalent to ISO 14002-1:2019 "Environmental Management System Applying ISO 14001 to manage the environment for environmental subject areas

Factors and guidance for responding to environmental conditions Part 1: General principles:

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

--- In order to coordinate with the existing standard, the name of the standard is changed to "Environmental management system for the application of GB/T 24001 management in the field of environmental subjects

Guidelines for Managing Environmental Factors and Responding to Environmental Conditions Part 1: General Principles:

Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents:

Introduction

0:1 Background

Human societies face challenges of living within the boundaries of the planet, for example: those related to climate change, freshwater depletion, land use change and ecological biodiversity loss, etc: Organizations should take into account the constraints imposed by these boundaries and may consider the global goals for sustainable development (e.g: United Nations

set goals) to drive positive change: The GB/T 24000 series of standards can help organizations protect the environment and respond to changing environmental conditions and

support these efforts:

An organization is based on its internal and external environment (including the environment in which it operates), the nature of its interactions with the environment, and the concerns of its interested parties

and requirements, with different priorities in terms of environmental management: Organizations can manage in a focused environment of interest or concern

An area of environmental management that benefits from the application of a management system is specific to the organization itself, its industry or public policy:

GB/T 24001 provides an environmental management framework for organizations (regardless of their environment), and does not specify how to implement its requirements:

GB/T 24004 provides general guidance for establishing and implementing GB/T 24001, but is not designed to address an organization's specific environmental factors:

factors, issues or areas of interest:

0:2 Objectives of GB/T 24002 series standards

The GB/T 24002 series of standards is for those who want to apply their environmental management system to a series of environmental factors or specific environmental factors that they are more concerned about:

Combinations of environmental factors and environmental conditions provide guidance and examples on specific topics:

This document provides general guidance and establishes a framework for common elements to guide the development of standards for specific subject parts: the series

Subsequent parts of the document will provide a holistic approach on how to use GB/T 24001 in specific areas of interest in environmental management:

The GB/T 24002 series of standards supplement the general requirements and guidelines in GB/T 24001 and GB/T 24004, aiming to

Other standards in the GB/T 24000 series are linked to GB/T 24001: Although this document does not cover every clause of GB/T 24001

clauses, but the order of these clauses is the same as that of GB/T 24001, and is consistent with the method of planning-doing-checking-correcting (PDCA):

Figure 1 shows the relationship between GB/T 24002 series standards and GB/T 24001 and GB/T 24004:

Figure 1 GB/T 24002 series standards and their relationship with GB/T 24001 and GB/T 24004

0:3 Entry point of GB/T 24002 series standards

The entry point for an organization to apply one or more parts of the ISO 24002 series of standards includes its decision to establish an environmental management system, to and its intention to act on specific areas of environmental management of interest or concern, such as:

- According to its environmental policy, specific commitments related to the protection of the environment;
- One or more important environmental factors or compliance obligations;
- Related to environmental conditions, specific risks and opportunities that need to be addressed:

Organizations seeking to focus on an area of interest or concern can use GB/T 24002 on the basis of applying GB/T 24001

Specific guidance for relevant parts of a series of standards:

0:4 Environmental subject areas

Environmental subject areas are areas of interest or concern within an organization in relation to their surrounding environment (this could include, for example: air, water, land, natural resources,

sources, plants and animals, consistent with the definition of environment in GB/T 24001) related to the field of environmental management: A subject area is usually

Reflected in a part of the GB/T 24002 series of standards: Nevertheless, a broader subject area may also be divided into multiple

parts:

Managing an environmental subject area requires organizations to take a holistic approach

to address:

---Environmental factors that have or may have an impact on the environmental status, and thus affect the environmental performance;

--- Changes in environmental conditions that may affect the organization's ability to achieve the expected results of its environmental management system; or a combination of the above:

0:5 GB/T 24002 series standard income

The GB/T 24002 series of standards aims to provide guidance for specific types of interrelated environmental factors and environmental conditions: application

Benefits of the GB/T 24002 series of standards may include:

--- Improving environmental performance in specific environmental subject areas;

---Protect the environment by preventing or reducing adverse environmental impacts within specific environmental subject areas;

--- Mitigating potential adverse effects of environmental conditions on the organization within specific environmental subject areas;

--- Make the environmental management system consistent with the strategic direction of the organization: For example: a commitment to support a particular environmental policy or organization:

0:6 Relationship between various parts of GB/T 24002 series standards

The GB/T 24002 series of standards aims to provide guidance for specific types of interrelated environmental factors and environmental conditions: head

The foreword consists of two parts:

--- Part 1: General: The purpose is to provide general guidelines for applying GB/T 24001 to manage environmental factors and respond to environmental conditions;

--- Part 2: Water: The purpose is to provide guidance for the application of GB/T 24001 to manage environmental factors and respond to environmental conditions in the field of water environment:

for guidance:

The environmental management system is aimed at the application of environmental subject areas

GB/T 24001 Management Environmental Factors and Responses

Guidelines on the state of the environment - part 1 : general principles