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**NATIONAL STANDARD OF THE
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**Environmental management systems - Guidelines for a flexible
approach to phased implementation**

环境管理体系 采取灵活方法分阶段实施的指南

(English Translation)

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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 14005:2019 "Guidelines for the phased implementation of environmental management systems using a flexible approach":

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Introduction

Organizations are facing increasing challenges from the degradation of the natural environment due to human activities: For example: pollution is affecting water bodies, air gas and land use: The cost of raw materials and energy is becoming more volatile due to inefficient use and scarcity of non-renewable resources; driven by the threat of storms, floods or droughts due to rising global temperatures and climate change is increasing:

These challenges are having a significant impact on business and society: Regulators, consumers, customers, local communities and other interested parties require the group organizations ensure that their interactions with the environment are managed responsibly and that their activities, products and services do not cause harm to the environment Influence:

A systematic approach to environmental management provides a means for business risk management and demonstrates a high level of environmental commitment, enabling organizations to respond to Respond to the needs and expectations of interested parties: The business benefits of a standardized environmental management system (EMS) include more efficient use of resources and reduced environmental impact:

negative impacts on the environment, better comply with legal and regulatory requirements, and improve customer relationships:

Many organizations have benefited from a regulated EMS: But more organizations, especially small and medium-sized enterprises (SMEs), lack a standard system, thus losing the benefits that may come from increased standardization: Taking a systematic approach to environmental management can lead to long-term success and can promote sustainable development: This includes protecting the environment, mitigating the potential adverse effects of environmental conditions on the organization, helping to meet compliance obligations, and enhancing Environmental performance, preventing environmental impacts from being inadvertently transferred elsewhere during the life cycle, achieving financial and operational benefits, and supporting relationships with relevant parties exchange of information:

However, fully implementing an EMS throughout an organization at the same time can be difficult and depends on the availability of personnel and other resources: point A staged approach allows organizations to gradually develop their EMS over time:

A staged approach has several benefits: Organizations can easily evaluate how the time and financial resources invested in EMS provide returns:

Allow them to develop and implement a system that meets their needs at their own pace, based on available human and financial resources: this method Helps organizations see how improved environmental management can reduce costs, demonstrate compliance, improve community relations and help achieve the goals of stakeholders expect:

This document explains how an organization can implement an EMS using a phased approach to ultimately meet the requirements of GB/T 24001: Every each phase consists of 6 consecutive steps: The number of stages is flexible: This enables an organization to develop its scope based on its goals and available resources Scope, that is, the activities, products and services included, as well as the maturity of its EMS:

A phased approach can start with a project that focuses on specific environmental factors, such as: energy and natural resource use; it can also be used to Meet the needs of an interested party, such as customer requirements; or manage a specific issue, such as demonstrating compliance: EMS can follow Expand over time through more stages, e.g. covering more environmental factors and systematically addressing all needs and expectations of interested parties desire, or to improve environmental performance in addition to compliance:

The maturity matrix in Appendix A is a tool for measuring progress in EMS implementation: This helps track an organization's environmental goals and Realization of relevant benefits and ensuring effective use of financial and human resources:

The structure of the maturity matrix contains rows corresponding to the different EMS elements specified in each clause of GB/T 24001-2016: this the columns represent 5 maturity levels: Each element can progress from maturity level 1 to maturity level 5: At this time, the elements Will meet the requirements of the corresponding provisions in GB/T 24001-2016:

The evaluation form supporting the maturity matrix is available on the ISO/TC207/SC1 website: It follows the same structure as the maturity matrix and Helps organizations determine the maturity level of each element: The ISO/TC207/SC1 website also provides some examples, such as: How a company Use a phased approach to develop a complete environmental management system:

environmental management system Guidance on taking a flexible approach to phased implementation

1 Scope

This document provides organizations, including small and medium-sized enterprises (SMEs), with a phased approach to establishing, implementing, maintaining and continuously improving environmental management systems:

The system provides guidance to improve its environmental performance:

A phased approach provides the flexibility to allow an organization to develop its environmental management system at its own pace through several stages, based on its own circumstances:

Tie: Each phase consists of 6 consecutive steps: The five-level maturity matrix provided in Appendix A can be used to describe the system at each stage:

Maturity at the end:

This document applies to any organization, regardless of its current environmental performance, the nature of the activities it undertakes, or the location where the activities take place:

A phased approach enables organizations to develop a system that ultimately meets the requirements of GB/T 24001:

This document does not cover specific system elements beyond GB/T 24001, nor does it intend to provide explanations for the requirements of GB/T 24001:

2 Normative reference documents

This document has no normative references:

3 Terms and definitions

The following terms and definitions apply to this document:

3.1

Terms related to organizations and leadership roles 3.1.1 management system
management system the interrelation or interaction used by an organization (3:1:4) to establish policies, objectives (3:2:5), and processes (3:3:5) for achieving these objectives a set of elements:

Note 1: A management system may focus on one or more areas [for example: quality, environment (3:2:1), occupational health and safety, energy, financial management]:

Note 2: System elements include the organization's structure, roles and responsibilities, planning and operation, performance evaluation and improvement:

Note 3: The scope of a management system may include the entire organization, its specific