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Greenhouse gas management systems - Requirements

温室气体管理体系 要求

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Foreword

This document is in accordance with GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting is scheduled.

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0.1 Background Climate change is one of the greatest challenges facing the world, impacting human health and ecosystems, and potentially leading to resource depletion. The ways in which things are used, produced, and used in other economic activities are undergoing tremendous changes. As a result, people are engaging in these activities at all levels-international, regional, national, and local. Measures and actions should be formulated and taken to reduce the impact of greenhouse gases on the global climate. my country actively responds to relevant international treaties and has proposed national... Strategic and development plans to address these challenges.

0.2 Purpose of the Greenhouse Gas Management System An organization that effectively implements a greenhouse gas management system in accordance with the requirements of this document can achieve the expected results of greenhouse gas management, thereby To contribute to achieving the overall goals of my country's greenhouse gas planning.

Organizations can leverage the opportunities presented by my country's greenhouse gas strategic plan to integrate greenhouse gas management into their business processes, strategic direction, and decision-making. The process should be developed and aligned with the organization's development priorities, integrated into the organization's overall management system, so that top management can effectively... To identify and address its risks and opportunities. This document does not propose specific greenhouse gas performance criteria. The application of this document varies depending on the organization's internal and external circumstances and commitments. Differences. Two organizations may engage in similar activities, but may have different compliance obligations, policy commitments, control technologies, and therefore different... Their greenhouse gas performance, however, may all meet the requirements of this document. The level of detail and complexity of a greenhouse gas management system will depend on the internal and external problems facing the organization, the scope of the greenhouse gas management system, and so on. Compliance obligations, and the nature of their activities, products and services. This document does not add to or change the legal requirements for an organization.

0.3 Planning-Implementation-Inspection-Improvement Model The approach to establishing a greenhouse gas management system is based on the Plan, Do, Check, and Act (PDCA) model. The PDCA cycle guides the organization... It provides a cyclical and incremental process for continuous improvement. This model can be applied to greenhouse gas management systems and each of their individual components. Elements. The Plan-Do-Check-Act (PDCA) cycle is shown in Figure 1. Figure

1. Plan-Do-Check-Act (PDCA) Cycle Chapter 4 outlines the inputs to the PDCA cycle, while Chapter 5 plays a central role within it. Through the effective implementation of this document, one can achieve It helps organizations achieve their expected results in improving greenhouse gas performance, fulfilling compliance obligations, and achieving greenhouse gas targets.

---Planning (Chapter 6). Establishing the necessary greenhouse gas targets and processes to align with the organization's greenhouse gas policy. result;

---Implementation (Chapters 7 and 8). Implementing the planned process;

---Inspection (Chapter 9). Monitoring processes in accordance with greenhouse gas policies (including its commitments), greenhouse gas targets, and operating guidelines. And measure, and report the results;

---Improvement (Chapter 10). Take steps to continuously improve.

0.4 This document structure This document conforms to the unified structure requirements of the International Organization for Standardization (ISO) for management system standards, enabling organizations to use common methodologies. And based on risk-based thinking, integrate its greenhouse gas management system with the requirements of other