

ICS 13.020.10
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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 47443-2026

**Specification with guidance for the verification and validation of
greenhouse gas statements**

温室气体声明的核查和审定通用要求与指南

(English Translation)

Issued on: April 30, 2026

Implemented on: November 1, 2026

Issued by: State Administration for Market Regulation

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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 14064-3:2019 "Greenhouse gases - Part 3: General requirements for the verification and confirmation of greenhouse gas declarations".

guide".

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

---To harmonize with existing standards, the standard title has been changed to "General Requirements and Guidance for the Verification and Validation of Greenhouse Gas Declarations";

---The phrase "DEPRECATED.GHGassertion" has been removed from section 3.4.3 of ISO 14064-3:2019;

---The phrase "DEPRECATED.verification/validationstatement" has been removed from section 3.6.18 of ISO 14064-3:2019.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the Ministry of Ecology and Environment of the People's Republic of China.

This document is under the jurisdiction of the National Technical Committee on Standardization of Carbon Emission Management (SAC/TC548).

Introduction

Climate change is considered one of the most serious challenges facing the world today, and it will continue to affect humanity and the natural world for decades to come.

This will have a substantial impact on resource availability, economic activity, and human well-being. To address this global threat, the international community is...

Actively developing and implementing a number of initiatives at the global, regional, national and local levels, aimed at reducing the concentration of greenhouse gases (GHG) in the atmosphere.

This will enhance the climate adaptability of society and ecosystems.

Greenhouse gas emission reduction measures rely on the quantification, monitoring, reporting, and verification of greenhouse gas emissions and/or removals.

This document details the verification and review of greenhouse gas declarations related to greenhouse gas inventories, greenhouse gas project carbon footprints, and product carbon footprints.

It sets forth the requirements. It describes the verification and approval activities and, in Appendix A, specifies the verification requirements for different assurance levels, enabling verifiers and approvers to...

Provide opinions on greenhouse gas statements at any organizational, project, or product level.

This document is intended for use by greenhouse gas declaration checkers and assessors, as well as organizations and individuals involved in the development and implementation of greenhouse gas projects.

Individuals, organizations that conduct internal reviews of greenhouse gas data and information, organizations involved in training greenhouse gas verifiers or assessors, voluntary or mandatory Regulatory greenhouse gas declaration management bodies, investors, financial institutions, insurance institutions, and entities involved in emissions trading and emissions or cleanup compensation schemes.

This document serves as a reference for government departments and other relevant agencies conducting accreditation and conformity assessments.

Key emission units and technical service institutions in the national carbon emission trading market shall comply with the provisions of the "Interim Regulations on the Administration of Carbon Emission Trading".

During the verification and approval process, the technical specifications formulated by the carbon trading authority shall be followed temporarily.

The verification in this document is an evaluation of historical data and information, while the approval is an evaluation of data and information based on future assumptions or predictions.

Figure 1 illustrates the process for determining the type of contract through verification, approval, and agreement procedures.

Figure 1.Process for determining the type of contract

General Verification and Approval of Greenhouse Gas Declarations Requirements and Guidelines

1 Scope

This document sets forth the principles and requirements for verifying and approving greenhouse gas declarations and provides relevant guidelines.