
**Greenhouse gases — Requirements for
greenhouse gas validation and
verification bodies for use in accreditation
or other forms of recognition**

*Gaz à effet de serre — Exigences pour les organismes fournissant des
validations et des vérifications des gaz à effet de serre en vue de
l'accréditation ou d'autres formes de reconnaissance*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 14065:2007

<https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007>



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 14065:2007](https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007)

<https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principles	5
4.1	General	5
4.2	Impartiality	5
4.3	Competence	5
4.4	Factual approach to decision making	6
4.5	Openness	6
4.6	Confidentiality	6
5	General requirements	6
5.1	Legal status	6
5.2	Legal and contractual matters	6
5.3	Governance and management commitment	6
5.4	Impartiality	7
5.5	Liability and financing	8
6	Competencies	8
6.1	Management and personnel	8
6.2	Competencies of personnel	8
6.3	Deployment of personnel	9
6.4	Use of contracted validators or verifiers	10
6.5	Personnel records	11
6.6	Outsourcing	11
7	Communication and records	11
7.1	Information provided to a client or responsible party	11
7.2	Communication of responsibilities to a client or responsible party	12
7.3	Confidentiality	12
7.4	Publicly accessible information	12
7.5	Records	12
8	Validation or verification process	13
8.1	General	13
8.2	Pre-engagement	13
8.3	Approach	13
8.4	Validation or verification	14
8.5	Review and issuance of validation or verification statement	14
8.6	Records	14
8.7	Facts discovered after the validation or verification statement	15
9	Appeals	15
10	Complaints	15

11 Special validations or verifications	16
12 Management system	16
Annex A (informative) Relationships between the application of ISO 14065 and ISO 14064-1, ISO 14064-2 and ISO 14064-3	17
Annex B (informative) Impartiality	18
Annex C (informative) Comparison of validation and verification process requirements of ISO 14065 and ISO 14064-3	22
Annex D (informative) Example of management system documentation	23
Bibliography	24

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 14065:2007](https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007)

<https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007>

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 14065 was prepared by Technical Committee ISO/TC 207, *Environmental management*, in collaboration with the *ISO Committee on conformity assessment (CASCO)*.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[ISO 14065:2007](https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007)

<https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007>

Introduction

Climate change has been identified as one of the greatest challenges facing nations, governments, business and citizens for the coming decades. Climate change has implications for both human and natural systems and could lead to significant changes in resource use, production and economic activity. In response, international, regional, national and local initiatives are being developed and implemented to limit greenhouse gas (GHG) concentrations in the Earth's atmosphere. Such GHG initiatives rely on the quantification, monitoring, reporting and verification of GHG emissions and/or removals.

The overall aim of GHG validation or verification activities is to give confidence to all parties that rely upon a GHG assertion. The party making the GHG assertion is responsible for conformity with requirements of the relevant standard or GHG programme. The validation or verification body is responsible for completing an objective assessment and providing a validation or verification statement concerning the responsible party's GHG assertion based on evidence. This International Standard provides requirements for bodies that undertake GHG validation or verification using ISO 14064-3 or other relevant standards or specifications. It contains a number of principles that these bodies should be able to demonstrate and provides specific requirements that reflect these principles. General requirements relate to matters such as legal and contractual arrangements, responsibilities, the management of impartiality, and issues of liability and financing. Specific requirements include provisions related to structures, resource requirements and competencies, information and records management, validation and verification processes, appeals, complaints and management systems.

iTeh STANDARD PREVIEW

This International Standard provides GHG programme administrators, regulators and accreditors with a basis for assessing and recognizing the competence of validation and verification bodies. It can also be used in other ways, such as in peer assessment within groups of validation or of verification bodies or between such groups.

Figure 1 and Annex A show relationships between the application of this International Standard and ISO 14064-1, ISO 14064-2 and ISO 14064-3.

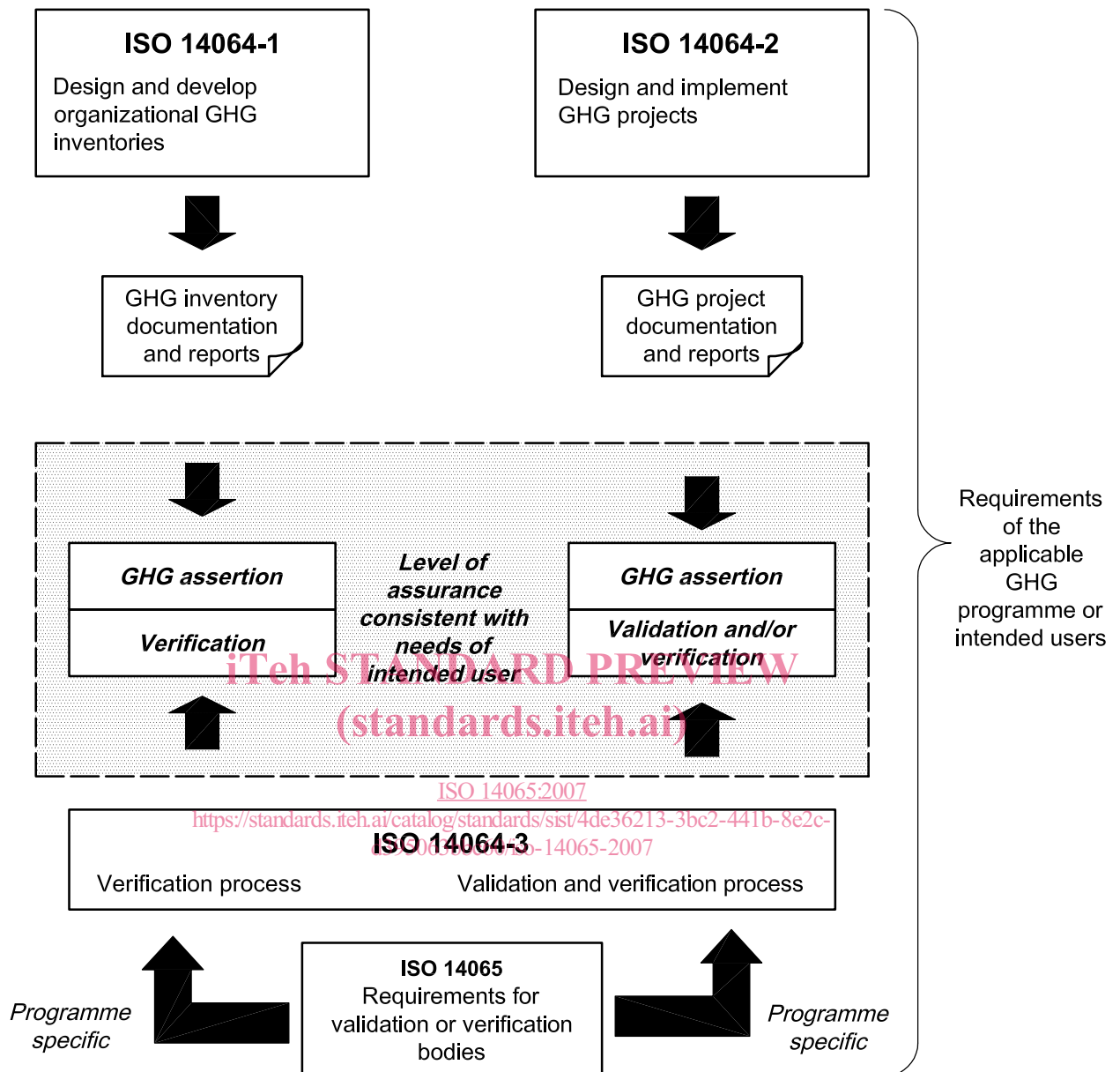


Figure 1 — Framework for using ISO 14065 with ISO 14064-1, ISO 14064-2 and ISO 14064-3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 14065:2007

<https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007>

Greenhouse gases — Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

1 Scope

This International Standard specifies principles and requirements for bodies that undertake validation or verification of greenhouse gas (GHG) assertions.

It is GHG programme neutral. If a GHG programme is applicable, the requirements of that GHG programme are additional to the requirements of this International Standard.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 14064-3:2006, *Greenhouse gases — Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions*

<https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007>

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 Terms related to greenhouse gases

3.1.1

greenhouse gas

GHG

gaseous constituent of the atmosphere, both natural and anthropogenic, that absorbs and emits radiation at specific wavelengths within the spectrum of infrared radiation emitted by the Earth's surface, the atmosphere, and clouds

NOTE GHGs include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs) and sulfur hexafluoride (SF₆).

[ISO 14064-3:2006, definition 2.1]

3.1.2

greenhouse gas assertion

factual and objective declaration made by the responsible party

NOTE 1 The GHG assertion could be presented at a point in time or could cover a period of time.

NOTE 2 The GHG assertion provided by the responsible party should be clearly identifiable and capable of consistent evaluation or measurement against suitable criteria by a validator or verifier.

NOTE 3 The GHG assertion could be provided in the form of a GHG report or GHG project plan.

NOTE 4 Adapted from ISO 14064-3:2006, definition 2.11.

3.1.3

greenhouse gas consultancy services

provision of organization-specific or project-specific GHG quantification, GHG data monitoring or recording, GHG information system or internal auditing services, or training that supports a GHG assertion

3.1.4

greenhouse gas information system

policies, processes and procedures to establish, manage and maintain GHG information

[ISO 14064-3:2006, definition 2.12]

3.1.5

greenhouse gas project

activity or activities that alter the conditions identified in the baseline scenario which cause GHG emission reductions or removal enhancements

[ISO 14064-3:2006, definition 2.14]

3.1.6

greenhouse gas programme

voluntary or mandatory international, national or sub-national system or scheme that registers, accounts or manages GHG emissions, removals, emission reductions or removal enhancements outside the organization or GHG project

[ISO 14064-3:2006, definition 2.16]

ITeH STANDARD PREVIEW
(standards.iteh.ai)

3.2 Terms related to people and organizations

3.2.1

client

organization or person requesting validation or verification

ISO 14065:2007
<https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-139c51b66214/iso-14065-2007>

NOTE The client could be the responsible party, the GHG programme administrator or other stakeholder.

[ISO 14064-3:2006, definition 2.27]

3.2.2

intended user

individual or organization identified by those reporting GHG-related information as being the one who relies on that information to make decisions

NOTE The intended user could be the client, the responsible party, GHG programme administrators, regulators, the financial community or other affected stakeholders, such as local communities, government departments or non-governmental organizations.

[ISO 14064-3:2006, definition 2.26]

3.2.3

organization

company, corporation, firm, enterprise, authority or institution, or part or combination thereof, whether incorporated or not, public or private, that has its own functions and administration

[ISO 14064-3:2006, definition 2.23]

3.2.4

personnel

persons working with or on behalf of the validation or verification body

3.2.5

responsible party

person or persons responsible for the provision of the GHG assertion and the supporting GHG information

NOTE The responsible party can be either individuals or representatives of an organization or project and can be the party who engages the validator or verifier. The validator or verifier may be engaged by the client or by other parties, such as the GHG programme administrator.

[ISO 14064-3:2006, definition 2.24]

3.2.6

technical expert

person who provides specific knowledge or expertise to the validation or verification team

NOTE 1 Specific knowledge or expertise is that which relates to the organization or project to be validated or verified, or relevant language or culture.

NOTE 2 A technical expert does not act as a validator or verifier in the validation or verification team.

NOTE 3 Adapted from ISO 19011:2002, definition 3.10.

3.2.7

top management

person or group of people who directs and controls an organization at the highest level

[ISO 9000:2005, definition 3.2.7]

3.3 Terms related to validation and verification

3.3.1

validation

systematic, independent and documented process for the evaluation of a GHG assertion related to a GHG project plan against agreed validation criteria

NOTE 1 In some cases, such as in first-party validations, independence can be demonstrated by the freedom from responsibility for the development of GHG data and information.

NOTE 2 The content of a GHG project plan is described in ISO 14064-2:2006, 5.2.

NOTE 3 Adapted from ISO 14064-3:2006, definition 2.32.

3.3.2

validator

competent and independent person or persons with responsibility for performing and reporting on the results of a validation

NOTE Adapted from ISO 14064-3:2006, definition 2.35.

3.3.3

validation or verification body

body that performs validations or verifications of GHG assertions in accordance with this International Standard

NOTE A validation or verification body may be an individual.

3.3.4

validation statement

formal written declaration to the intended user, following validation of a GHG project plan, which provides assurance on the statements in the responsible party's GHG assertion

3.3.5

verification statement

formal written declaration to the intended user, following verification, which provides assurance on the statements in the responsible party's GHG assertion

3.3.6

validation or verification team

one or more validators or verifiers conducting a validation or verification, supported if needed by technical experts

NOTE 1 One validator or verifier of the validation or verification team is appointed as the validation or verification team leader.

NOTE 2 The validation or verification team may include validators-in-training or verifiers-in-training.

NOTE 3 Adapted from ISO 19011:2002, definition 3.9.

3.3.7

verification

systematic, independent and documented process for the evaluation of a GHG assertion against agreed verification criteria

NOTE 1 In some cases, such as in first-party verifications, independence can be demonstrated by the freedom from responsibility for the development of GHG data and information.

NOTE 2 Adapted from ISO 14064-3:2006, definition 2.36.

3.3.8

verifier

competent and independent person, or persons, with responsibility for performing and reporting on the verification process

[ISO 14064-3:2006, definition 2.37]

iTeh STANDARD PREVIEW
(standards.iteh.ai)

3.4 Terms related to recognition and assurance

[ISO 14065:2007](https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007)

<https://standards.iteh.ai/catalog/standards/sist/4de36213-3bc2-441b-8e2c-d395063bbc60/iso-14065-2007>

3.4.1

accreditation

third-party attestation related to a validation or verification body conveying formal demonstration of its competence to carry out specific validation or verification tasks

NOTE Adapted from ISO/IEC 17000:2004, definition 5.6.

3.4.2

accreditation body

authoritative body that performs accreditation

NOTE The authority of an accreditation body is generally derived from government.

[ISO/IEC 17000:2004, definition 2.6]

3.4.3

appeal

request by the client or responsible party to the validation or verification body for reconsideration of a decision it has made relating to the validation or verification

NOTE Adapted from ISO/IEC 17000:2004, definition 6.4.

3.4.4

complaint

expression of dissatisfaction, other than appeal, by any person or organization to a validation or verification body or accreditation body, relating to the activities of that body, where a response is expected

NOTE Adapted from ISO/IEC 17000:2004, definition 6.5.