
Geregistreeerde Belgische norm

NBN ISO 14066

1e uitg., december 2014

Normklasse: X 51

Broeikasgassen - Eisen voor de competentie van teams die broeikasgasvalidaties of -verificaties uitvoeren (ISO 14066:2011)

Gaz à effet de serre - Exigences de compétence pour les équipes de validation et les équipes de vérification de gaz à effet de serre (ISO 14066:2011)

Greenhouse gases - Competence requirements for greenhouse gas validation teams and verification teams (ISO 14066:2011)

Toelating tot publicatie: 17 december 2014

Deze norm ISO 14066:2011 heeft de status van een Belgische norm.

Deze norm bestaat in twee officiële versies (Engels, Frans).

ICS: 13.020.40

***norme belge
enregistrée***

NBN ISO 14066

1e éd., décembre 2014

Indice de classement: X 51

Gaz à effet de serre - Exigences de compétence pour les équipes de validation et les équipes de vérification de gaz à effet de serre (ISO 14066:2011)

Broeikasgassen - Eisen voor de competentie van teams die broeikasgasvalidaties of -verificaties uitvoeren (ISO 14066:2011)

Greenhouse gases - Competence requirements for greenhouse gas validation teams and verification teams (ISO 14066:2011)

Autorisation de publication: 17 décembre 2014

La présente norme ISO 14066:2011 a le statut d'une norme belge.

La présente norme existe en deux versions officielles (anglais, français).



Bureau de Normalisation - rue Joseph II 40 - 1000 Bruxelles - Belgique

Tél: +32 2 738 01 11 - Fax: +32 2 733 42 64 - E-mail: info@nbn.be - NBN Online: www.nbn.be
Banque 679-0000951-78 IBAN BE69 6790 0009 5178 BIC PCHQBEBB TVA BE0880857592

INTERNATIONAL STANDARD

ISO 14066

First edition
2011-04-15

Greenhouse gases — Competence requirements for greenhouse gas validation teams and verification teams

*Gaz à effet de serre — Exigences de compétence pour les équipes de
validation et les équipes de vérification de gaz à effet de serre*



Reference number
ISO 14066:2011(E)

ISO 14066:2011(E)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2011

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

Foreword	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 Terms specific to competence requirements	1
3.2 Terms related to greenhouse gases	2
3.3 Terms related to people and organizations	3
3.4 Terms related to validation and verification	4
4 Principles	6
4.1 General	6
4.2 Independence	6
4.3 Integrity.....	6
4.4 Fair presentation	6
4.5 Due professional care	6
4.6 Professional judgement.....	7
4.7 Evidence-based approach	7
5 Team competence	7
5.1 General	7
5.2 Knowledge	7
5.3 Skills	10
6 Sector competence	10
7 Competence for the review of GHG validation or verification statements.....	11
8 Development and maintenance of validation and verification knowledge and skills	11
8.1 General	11
8.2 Demonstration of knowledge and skills.....	11
8.3 Maintenance of knowledge and skills	12
Annex A (informative) Evidence and the application of professional scepticism	13
Annex B (informative) Methods to evaluate the competence of validation team and verification team members	15
Annex C (informative) Sector competence.....	16
Annex D (informative) Relationship between validation and verification competence requirements in ISO 14065:2007 and skills and abilities needed by validation teams and verification teams	18
Annex E (informative) Example of prerequisite entry level awareness for individuals starting training as team members in a validation team or a verification team.....	23
Annex F (informative) Personal behaviour.....	24
Bibliography.....	25

ISO 14066:2011(E)**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 14066 was prepared by Technical Committee ISO/TC 207, *Environmental management*, Subcommittee SC 7, *Greenhouse gas management and related activities*.

Introduction

This International Standard specifies competence requirements for validation teams and verification teams for the benefit of greenhouse gas (GHG) programme administrators, regulators, validation bodies and verification bodies. To achieve consistency in the international marketplace and maintain public confidence in GHG reporting and other communications, there is a need to define competence requirements for validation teams and verification teams.

Requirements for GHG validation bodies and GHG verification bodies are established in ISO 14065. ISO 14065 requires that validation bodies and verification bodies establish and maintain a procedure to manage the competence of its personnel undertaking the various validation or verification activities within the team appointed for the engagement. It is the role of the validation or verification body to ensure that teams have the necessary competence to effectively complete the validation or verification process. This International Standard includes principles for ensuring competence of validation teams and verification teams. Supporting these principles are general requirements based on the tasks that validation teams or verification teams need to be able to perform and the competence required to do so.

This International Standard can be used in conjunction with ISO 14065 as the basis for assessing and recognizing the competence of validation teams and verification teams.

Users of this International Standard are encouraged to refer to ISO 14064-1 and ISO 14064-2 for GHG quantification and reporting and to ISO 14064-3 for GHG validation and verification.

Figure 1 shows the relationships between the application of this International Standard and ISO 14064-1, ISO 14064-2, ISO 14064-3 and ISO 14065.

ISO 14066:2011(E)

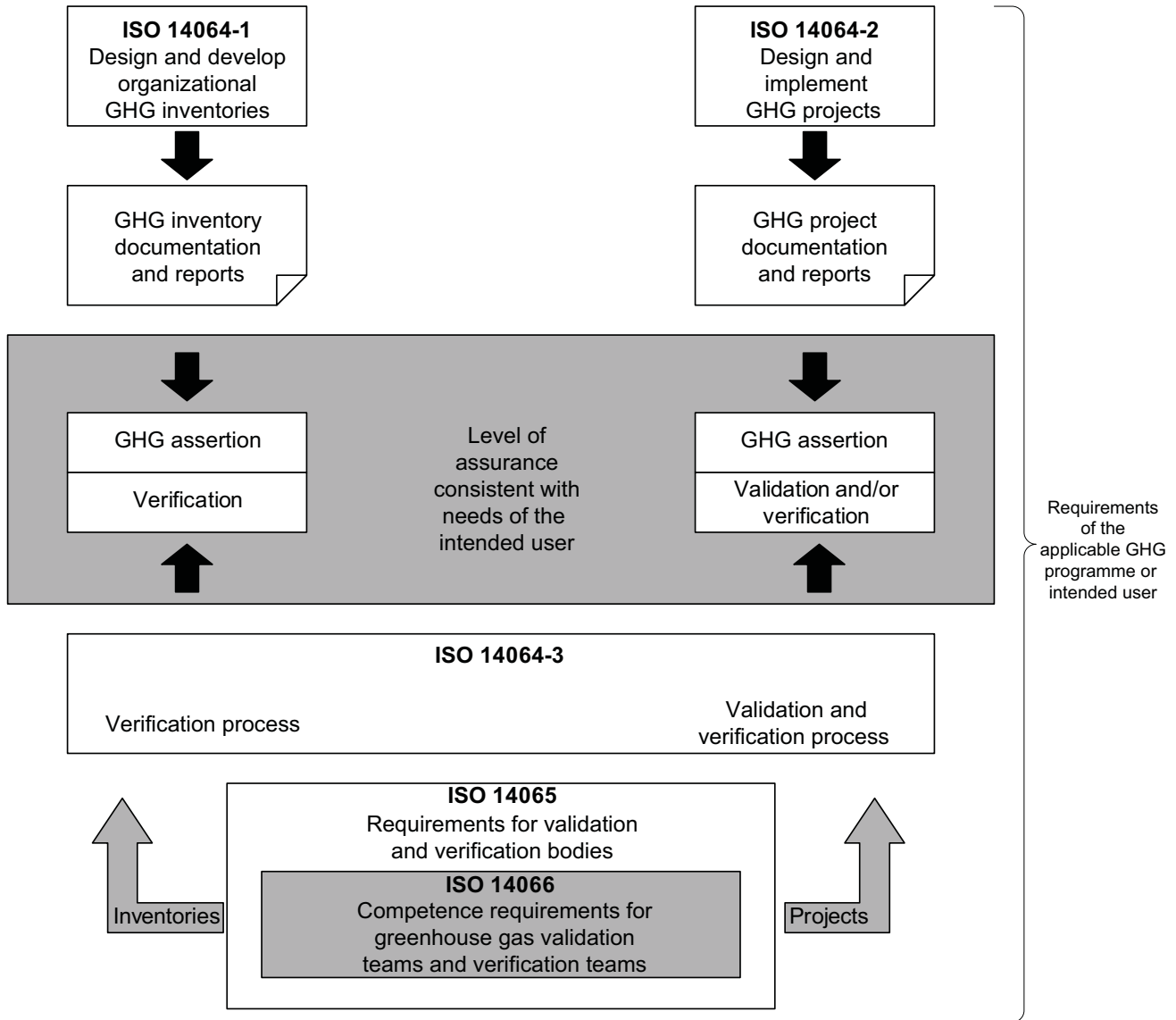


Figure 1 — Framework for using ISO 14066 with ISO 14064-1, ISO 14064-2, ISO 14064-3 and ISO 14065

Greenhouse gases — Competence requirements for greenhouse gas validation teams and verification teams

1 Scope

This International Standard specifies competence requirements for validation teams and verification teams. This International Standard complements the implementation of ISO 14065.

This International Standard is not linked to any particular greenhouse gas (GHG) programme. If a particular GHG programme is applicable, competence requirements of that GHG programme are additional to the requirements of this International Standard.

NOTE Requirements for the management and support of personnel competence are specified in ISO 14065:2007, Clause 6.

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*

ISO 14065:2007, *Greenhouse gases — Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition*

3 Terms and definitions

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

3.1 Terms specific to competence requirements

3.1.1 sector

technical area sharing common attributes and similar GHG sources, sinks and reservoirs

NOTE The abbreviated term SSRs is used to define sources, sinks and reservoirs.

3.1.2 team leader

person who manages the validation team or verification team

3.1.3 professional scepticism

attitude that includes a questioning mind and a critical assessment of evidence

NOTE Taken from International Framework for Assurance Engagements^[16], paragraph 40.