



MANDATORY DOCUMENT FOR THE APPLICATION OF ISO 14065:2020

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FURTHER INFORMATION

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TABLE OF CONTENTS

0.	INTRODUCTION	4
1.	SCOPE	6
2.	NORMATIVE REFERENCES	6
3.	TERMS AND DEFINITIONS	6
4.	PRINCIPLES	6
5.	GENERAL REQUIREMENTS	7
6.	STRUCTURAL REQUIREMENTS	7
7.	RESOURCE REQUIREMENTS	7
8.	VALIDATION/VERIFICATION PROGRAMME	8
9.	PROCESS REQUIREMENTS	8
10.	INFORMATION REQUIREMENTS	10
11.	MANAGEMENT SYSTEM REQUIREMENTS	11
12.	BIBLIOGRAPHY	11
13.	AMENDMENT TABLE	11

0. INTRODUCTION

- 0.1 This document is based upon the IAF (International Accreditation Forum) document IAF MD 6:2024 *IAF Mandatory Document for the Application of ISO 14065:2020*. On the transfer of the role of IAF to the Global Accreditation Cooperation Incorporated (Global ACI), the text has been reformatted to be a Global ACI document without any substantive change to the text.
- 0.2 This document is mandatory for the consistent application of ISO 14065 for validation and verification. All clauses of ISO 14065 continue to apply, and this document does not supersede any of the requirements in that standard.
- 0.3 The term “should” is used in this document to indicate recognised means of meeting the requirements of the standard. A Conformity Assessment Body (CAB) can meet these in an equivalent way provided this can be demonstrated to an Accreditation Body (AB). The term “shall” is used in this document to indicate those provisions which, reflecting the requirements of the relevant standard, are mandatory.
- 0.4 ISO 14065:2020 is an International Standard which sets out requirements for bodies that undertake environmental information validation or verification using ISO 14064-3 or other relevant standards or specifications. ISO 14065 provides to environmental information program administrators, regulators and accreditors a basis for assessing and recognising the competence of validation or verification bodies (V/VBs). ISO 14065:2020 incorporates by reference the clauses of ISO/IEC 17029. As such, ISO 14065:2020 shall require the application of ISO/IEC 17029:2019. ISO 14065:2020 adds requirements that are relevant for the validation and verification of environmental information statements. It also includes definitions used in environmental information assurance engagements and in some cases redefines terms defined in ISO/IEC 17029:2019.
- 0.5 Opinions issued by accredited V/VBs are relied upon in a number of environmental reporting schemes such as greenhouse gas (GHG) disclosure and trading schemes. Intended users of this information place a high value on the accuracy of quantified and reported tonnes of CO₂-equivalent emissions or removals. One specific example includes reporting of GHG emissions by organisations either for regulatory purposes or as part of an organisation’s public communication of environmental information. Another example includes commodity trading, where greenhouse gas offset credits are bought and sold.
- 0.6 Environmental information now includes other subject matter besides GHG statements. At present ISO 14065 recognises as within its scope statements associated with the issuance of green bonds or the origination of green loans. ISO 14065 also recognises information about climate actions taken by financiers as subject matter. Standards and programs associated with other subject matters that are expected to reference ISO 14065 include water footprints and environmental labelling.
- 0.7 Environmental information that is historical in nature may be verified. Information related to projected or forecast values is validated. Verification provides reasonable or limited assurance to intended users that reported information is accurate. Validation provides limited assurance to intended users that a reasonable basis exists for the projected or forecast information. The confidence of intended users in validated and verified environmental information data is enhanced when V/VBs fulfil the requirements of ISO 14065.

- 0.8 Verification is a process where a verification body assesses an organisation's, product's, or project's GHG statement against defined verification criteria (this process therefore deals with historical data and information). For ISO 14064-1, ISO 14067, and ISO 14064-2, the assessment will address both conformance with criteria (i.e. defined in the standard) and activities that will establish that the GHG statement is accurate and reliable. Verification activities are based on agreed objectives, scope, level of assurance, materiality, and criteria.
- 0.9 Validation is a process where a validation body assesses a project's GHG project plan against defined validation criteria (this process therefore deals with the assessment of potential future outcomes). Since the publication of ISO 14064-3:2019, validation is also recognised as the appropriate technique for providing an opinion on forecast or projected information. Such information may be associated with expected reductions of GHG emissions associated with inventories at the organisational level as well as at the project level.
- 0.10 In the emission trading area, it is imperative that the V/VB should be aware of the consequences of double counting, double claiming, and double registry issuances when providing a validation or verification opinion.
- 0.11 ISO 14064-3:2019 introduced a supplementary technique called Agreed-upon procedures (AUP). AUP employ verification techniques but the execution of these do not result in the issuance of an opinion or provide assurance to intended users. For conditions on the use of AUP in accreditation see section 9.2.
- 0.12 A validation or verification engagement is unique to each client's specific statements issued at a point in time.
- 0.13 This mandatory document provides additional application guidance to enable harmonisation by Global ACI members for the assessment of V/VBs against ISO 14065:2020 and related standards. This is an important step towards multilateral recognition of accreditation.
- 0.14 This document will be considered mandatory for the consistent application of ISO 14065. Global ACI MRA signatories, and applicants for signatory status in that Arrangement, will assess each other's implementation of ISO 14065. This Mandatory Document is expected to be adopted by Accreditation Bodies as part of their general rules for accreditation. It is intended that this document should also be useful to V/VBs themselves and to those whose decisions are guided by V/VB validation or verification opinions.
- 0.15 This document follows the structure of ISO 14065, and the headings are given in bold. Global ACI-specific criteria are identified by the letter "MD" followed with a reference number that incorporates the related requirements clause in ISO 14065. In all cases a reference in the text of this document to "clause XXX" refers to a clause in ISO 14065 unless otherwise specified.
- 0.16 ISO 14065:2020 admits the use of ISAE 3000 and ISRS 4400 as criteria a V/VB may use in performing a validation or verification when the subject matter is green debt instruments or climate actions taken by financiers. ISAE 3000 was the seed document for ISO 14064-3 and is commonly used by financial accounting professionals. ISAE is principles-based and opinions are subject to the risk assessment and professional judgment of the professionals who apply it.

1. SCOPE

This document is mandatory for the consistent application of ISO 14065:2020 for the accreditation of validation or verification bodies (V/VBs) for environmental information validation or verification.

All clauses of ISO 14065:2020 continue to apply and this document does not supersede any of the requirements of those standards.

2. NORMATIVE REFERENCES

For the purposes of this document, the normative references given in ISO 14065 and the following apply. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- ISO 14065 *General principles and requirements for bodies validating and verifying environmental information*
- ISO/IEC 17029 *Conformity assessment — General principles and requirements for validation and verification bodies*
- ISO 14064-3 *Greenhouse gases - Part 3, Specification with guidance for the verification and validation of greenhouse gas statements*
- ISO 14066 *Environmental information – Competence requirements for teams validating and verifying environmental information*

Note: The Bibliography sets out the references to the documents which are not normative references.

3. TERMS AND DEFINITIONS

For the purpose of this document, the terms and definitions given in ISO 14065, ISO 14064-3, and the following apply.

3.1 Materiality Assessment

Review of an environmental information statement for the purpose of identifying potentially material (ISO 14064-3, 3.6.8) information.

Note: In greenhouse gas statements, quantitative material information may be associated with sources, sinks or reservoirs.

4. PRINCIPLES

4.1 General

No additional principles for ISO 14065.

4.2 Principles for the Validation/Verification Process

No additional principles for ISO 14065.

4.3 Principles for Validation/Verification Bodies

No additional principles for ISO 14065.

4.4 Conservativeness

No additional principles for ISO 14065. The principle of conservativeness commonly applies to the selection of quantification methods or to the selection of a baseline for projects when the reporter has the latitude to choose between options.

4.5 Professional Scepticism

No additional principles for ISO 14065.

5. GENERAL REQUIREMENTS

5.1 Legal Entity

No additional requirements for ISO 14065.

5.2 Responsibility for Validation/Verification Statements

No additional requirements for ISO 14065.

5.3 Management of Impartiality

No additional requirements for ISO 14065.

5.4 Liability

No additional requirements for ISO 14065.

6. STRUCTURAL REQUIREMENTS

6.1 Organisational Structure and Top Management

No additional requirements for ISO 14065.

6.2 Operational Control

No additional requirements for ISO 14065.

7. RESOURCE REQUIREMENTS

7.1 General

No additional requirements for ISO 14065.

7.2 Personnel

No additional requirements for ISO 14065.

7.3 Management Process for the Competence of Personnel

MD 7.3.1.

The V/VB shall demonstrate how the competence of personnel has been evaluated. The persons conducting the evaluation of personnel shall be competent.

Note: The evaluator may be external or internal to the V/VB.

7.4 Outsourcing

No additional requirements for ISO 14065.

8. VALIDATION/VERIFICATION PROGRAMME

MD 8.1.

The V/VB shall establish a development process for each new environmental information validation or verification programme in which it wishes to operate. This development process shall provide outputs related to the following:

- Identification of intended users, and their expectations and requirements as applicable to the outcome of validation or verification activities.
- Review and understanding of the applicable scope of validation/verification including applicable criteria.
- Review and understanding of the applicable criteria for validation or verification.
- Consideration of V/VB strategic and business risks.
- Identification of the competence requirements for validation/verification team, validators or verifiers, independent reviewers and support personnel, as relevant to the criteria of each validation or verification.
- Confirmation that the proposed validation or verification arrangements are capable of meeting the requirements of the applicable programme.
- Necessary tools for gathering evidence during the validation/verification. Note: Elements of validation and verification programmes can be found in ISO/IEC 17029 Annex A.

9. PROCESS REQUIREMENTS

9.1 General

No additional requirements for ISO 14065.

9.2 Pre-engagement

MD 9.2.1.

The V/VB shall confirm the type of engagement with the client or responsible party. Types may be verification, validation, agreed-upon procedures, or mixed engagement.

MD 9.2.2. (ISO/IEC 17029)

AUP are applied when the intended user(s) require the results of verification evidence-gathering activities but do not require the opinion of the verifier. The V/VB shall only use AUP within accredited validation and verification under the following conditions:

- The requirements of ISO/IEC 17029 are applied;
- The agreed upon procedures have been determined in advance and are agreed with the client or responsible party;

- An independent review and approval of the issuance of the report of factual findings shall take place in line with the requirements of ISO/IEC 17029 (ref. cl. 9.6 and 9.7);
- The V/VB's report of factual findings shall clearly describe restrictions on the use and distribution of the report of factual findings. The report of factual findings may be to the organisation and intended users only; and
- The report of factual findings clearly describes the procedures performed and the factual findings resulting from those procedures.

Additionally, a programme may specify the use of AUP rather than an assurance engagement.

Note: ISO 14064-3 requires "sufficiency of evidence" to support a GHG statement, and states that, in the absence of sufficient information, the verification/validation shall not proceed (5.4.2). Sufficient information to support an environmental information statement may not exist when statements include information provided by third parties, such as suppliers. In such cases, a V/VB and its client may agree on a mixed engagement type (5.1.2) which can include the use of AUP for statements about which the verifier lacks the ability to determine the existence of data trails (6.1.3.2) or to understand the data management systems and controls that generated the information (6.1.3.3).

The time allocation for the engagement shall be justified based on the review of the provided information and recorded by the V/VB.

Note: The use of AUP is optional for an AB.

9.3 Engagement

MD 9.3.1. (ISO/IEC 17029)

The V/VB shall ensure its agreement requires the client to cooperate in the case where facts or information discovered materially affects the validation or verification opinion.

The legally enforceable agreement shall include a policy governing marketing and other references to the V/VB that the V/VB authorises its clients to use with respect to any environmental information statement. Where there is a license to use a validation or verification mark, or specific text, there shall be no ambiguity in the proposed use of the environmental information statement that has been validated or verified. The policy shall ensure conformance to ISO 14065 Annex B, Reference to validated/verified statements and use of marks.

9.4 Planning

MD 9.4.2.1.

The V/VB shall document the results of the strategic analysis¹.

9.5 Validation/Verification Execution

MD 9.5.4.1. (ISO/IEC 17029)

In the case of statements with quantitative information, the V/VB shall perform a materiality assessment (3.1) on the statement to identify potentially material inputs.

¹ ISO 14064-3 6.1.1 Strategic analysis

Note: For GHG, inputs include sources, sinks, and reservoirs. MD 9.5.4.2. (ISO/IEC 17029)

The validation or verification shall be conducted with an attitude of professional scepticism, which assumes that the presented information and data may be wrong until proven differently.

9.6 Review

MD 9.6.1. Documentation resulting from the validation or verification activity should contain sufficient traceability such that it can be demonstrated that validation/verification risk was reduced to an acceptable level.

9.7 Decision and Issuance of the Validation/Verification Opinion

MD 9.7.1.3.1.

A V/VB shall ensure that the wording of its report of factual findings does not state or imply provision of assurance to intended users. This shall also apply when a V/VB has tested elements of a statement using agreed-upon procedures in a mixed engagement.

9.8 Facts Discovered After the Issue of the Validation/Verification Opinion

No additional requirements for ISO 14065.

9.9 Handling of Appeals

No additional requirements for ISO 14065.

9.10 Handling of Complaints

No additional requirements for ISO 14065.

9.11 Records

No additional requirements for ISO 14065.

10. INFORMATION REQUIREMENTS

10.1 Publicly Available Information

No additional requirements for ISO 14065.

10.2 Other Information to be Available

No additional requirements for ISO 14065.

10.3 Reference to Validation/Verification and Use of Marks

No additional requirements for ISO 14065.

10.4 Confidentiality

No additional requirements for ISO 14065.

11. MANAGEMENT SYSTEM REQUIREMENTS

11.1 General

No additional requirements for ISO 14065.

11.2 Management Review

No additional requirements for ISO 14065.

11.3 Internal Audits

No additional requirements for ISO 14065.

11.4 Corrective Action

No additional requirements for ISO 14065.

11.5 Actions to Address Risks and Opportunities

No additional requirements for ISO 14065.

11.6 Documented Information

No additional requirements for ISO 14065.

12. BIBLIOGRAPHY

ISO 14064-1:2018 *Greenhouse gases – Part 1: Specification with guidance at the organisation level for quantification and reporting of greenhouse gas emissions and removals*

ISO 14064-2:2019 *Greenhouse gases – Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements*

ISO 14064-3:2019 *Greenhouse gases – Part 3: Specification with guidance for the verification and validation of greenhouse gas statements*

ISO 14065:2020 *General principles and requirements for bodies validating and verifying environmental information*

ISO14067 *Greenhouse gases– Carbon footprint of products - Requirements and Guidelines for Quantification*

13. AMENDMENT TABLE

Section	Previous Version	Summary Of Changes
All	-	Initial issue of Global ACI document