



PIAWAI BRUNEI DARUSSALAM

ENVIRONMENTAL INFORMATION - COMPETENCE REQUIREMENTS FOR TEAMS VALIDATING AND VERIFYING ENVIRONMENTAL INFORMATION (ISO 14066:2023, IDT)

Published by
Pusat Standard dan Akreditasi Brunei Darussalam in 2024

All rights reserved. Unless otherwise specified, no part of this Piawai Brunei Darussalam may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilming, without written permission from Pusat Standard dan Akreditasi Brunei Darussalam.

ISO [2023] – All rights reserved.



DEVELOPMENT OF PIAWAI BRUNEI DARUSSALAM

The Piawai Brunei Darussalam has been endorsed by Majlis Standard dan Akreditasi Brunei Darussalam and are subject to periodical review according to the current needs of the local industries and to keep abreast of progress in the industries concerned. Suggestion of amendments will be recorded and in due course brought to the notice of the committees concerned.

Any changes made hereafter are documented through the issue of either amendments or revisions.

This PBD ISO 14066:2023 was published in 2024 as a direct adoption, with no modification from ISO 14066:2023.

Attention is drawn to the fact that this Piawai Brunei Darussalam does not confer any immunity from legal obligations in any contract for compliance to the Standard.

Amendments issued since publication

Amd No	Date of issue	Text affected

NATIONAL FORWARD

The Majlis Standard Kebangsaan was formed in 2009 and reinstated as Majlis Standard dan Akreditasi Brunei Darussalam by consent of His Majesty the Sultan and Yang Di-Pertuan of Brunei Darussalam in February 2024. The Council acts as the body responsible for strengthening and monitoring standards and conformance in Brunei Darussalam. Its members encompass multiple agencies across the Government, industry, academia and consumer interests and are envisaged to provide policy direction that will firm up national initiatives to create and stimulate sustainable economic growth. In this endeavor, factors such as the creation and promotion of awareness on consumer safety and interests will also form part of the main scope for the council.

The work of the council is facilitated by the Pusat Standard dan Akreditasi Brunei Darussalam (PSABD), under the Ministry of Finance and Economy. With the main role of strengthening the capacity and sustainability of the national standards infrastructure, PSABD has been instructed to act as the body that provides a platform to complement the formation of the Council.

On matters pertaining to the development of national standards i.e. Piawai Brunei Darussalam (PBD), the management of activities are monitored through the formation of National Standards Committees. Clustered based on the scope of its industry, the work of developing PBD stands guided by international practice with the involvement of multiple agencies across the Government, industry and public as a whole.

Further information on Piawai Brunei Darussalam, Please Contact:

Pusat Standard dan Akreditasi Brunei Darussalam (PSABD)
Ministry of Finance and Economy
B19, Simpang 32-15, Flat Anggerek Desa, BB3713
Negara Brunei Darussalam
Office No: +6732333964
Email: standarddevelopment@mofe.gov.bn

Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 Terms specific to competence.....	1
3.2 Terms related to environmental information.....	2
3.3 Terms related to people and organizations.....	3
3.4 Terms related to validation and verification.....	4
3.5 Terms related to debt instruments.....	7
4 Principles	7
4.1 General.....	7
4.2 Integrity.....	8
4.3 Fair presentation.....	8
4.4 Due professional care.....	8
4.5 Professional judgement.....	8
4.6 Impartiality.....	8
4.7 Evidence-based approach.....	8
5 Application of principles	8
6 Team competence	9
6.1 General.....	9
6.2 Knowledge.....	9
6.2.1 General.....	9
6.2.2 Environmental information programme knowledge.....	9
6.2.3 Quantitative and qualitative information knowledge.....	9
6.2.4 Additional knowledge for organization level statements.....	10
6.2.5 Additional knowledge for the verification of environmental information statements related to products.....	10
6.2.6 Additional knowledge for the validation/verification of environmental information statements related to projects.....	10
6.2.7 Auditing knowledge.....	10
6.3 Skills.....	11
6.3.1 Team skills.....	11
6.3.2 Team leader skills.....	11
7 Technical expert competence	11
8 Competence of the independent reviewer	11
9 Demonstration and maintenance of validation and verification knowledge and skills	12
9.1 Demonstration of knowledge and skills.....	12
9.2 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 and verification teams (including technical experts) and independent reviewers	15
Annex C (informative) Example of prerequisite entry level awareness for individuals starting training to participate in validation or verification	16
Annex D (informative) Personal behaviour	17
Annex E (normative) Additional requirements applicable to green bond validation, verification and AUP	18

Annex F (normative) Additional requirements applicable to greenhouse gas validation, verification and AUP	19
Bibliography	23

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared jointly by Technical Committee ISO/TC 207, *Environmental management*, Subcommittee SC 7, *Greenhouse gas and climate change management and related activities*, in collaboration with Subcommittee SC 2, *Environmental auditing and related environmental investigations*, and ISO/CASCO, *Committee on conformity assessment*.

This second edition cancels and replaces the first edition (ISO 14066:2011), which has been technically revised.

The main changes are as follows:

- the scope has been extended from greenhouse gas to environmental information claims;
- annexes providing additional competence requirements for certain types of environmental information statements have been added.

A list of all parts in the ISO 14000 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This document specifies competence requirements for validation and verification teams (including technical experts) and independent reviewers for the benefit of environmental information programme administrators, regulators, and validation and verification bodies. To achieve consistency in the international marketplace and maintain public confidence in environmental information reporting and other communications, there is a need to define competence requirements for validation and verification teams (including technical experts) and independent reviewers.

Requirements for environmental information validation and verification bodies are established in ISO 14065. ISO 14065 requires that validation 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 and independent reviewer appointed for the engagement. It is the role of the validation or verification body to ensure that validation and verification teams (including technical experts) and independent reviewers have the necessary competence to effectively complete the validation or verification process. This document includes principles for ensuring competence of validation and verification teams (including technical experts) and independent reviewers. Supporting these principles are general requirements based on the tasks that validation or verification teams (including technical experts) and independent reviewers need to be able to perform and the competence required to do so.

This document can be used in conjunction with ISO 14065 as the basis for assessing and recognizing the competence of validation and verification teams (including technical experts) and independent reviewers.

Users of this document are encouraged to refer to applicable standards for the preparation of environmental information statements (see ISO 14016, ISO 14020, ISO 14021, ISO 14024, ISO 14025, ISO 14026, ISO 14030-1, ISO 14030-2, ISO 14030-3, ISO 14040, ISO 14044, ISO 14046, ISO 14064-1, ISO 14064-2, ISO 14067 and ISO 14097).

Environmental information — Competence requirements for teams validating and verifying environmental information

1 Scope

This document specifies competence requirements for validation and verification teams (including technical experts) and independent reviewers.

This document is applicable to all organizations that plan and conduct external or internal validations, verifications and agreed-upon procedures (AUP).

This document is not linked to any particular environmental information programme. If a particular environmental information programme is applicable, competence requirements of that environmental information programme are additional to the requirements of this document.

NOTE Management process requirements for the competence of personnel are specified in ISO 14065:2020, 7.3.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 14030-4, *Environmental performance evaluation — Green debt instruments — Part 4: Verification programme requirements*

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

3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1 Terms specific to competence

3.1.1

professional scepticism

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

[SOURCE: ISO 14050:2020, 3.4.14]

3.1.2

competence

ability to apply knowledge and skills to achieve intended results

[SOURCE: ISO 14050:2020, 3.1.10]