



Greenhouse Gases GHG Carbon Auditor Training

Overview of ISO 14064-1-2-3

- Part 1: Specification with guidance at the organization level for quantification & reporting of GHG emissions & removal
- Part 2: Specification with guidance at the project level for quantification, monitoring & reporting of GHG emission reductions or removal enhancement
- Part 3: Specification with guidance for the verification & validation of GHG statements

10-11 August 2023 (two-day)

Training Course Delivered by

Ex-HKAS Senior Accreditation Officer
& Founding President of HKICA

This two-day course provides training on an overview of the requirements of **ISO 14064-1-2-3** and the forthcoming **ISO 14065:2020** & **ISO/IEC 17029:2019** for professional participants who work in certification bodies, laboratories and manufacturing plants.

Objective

This two-day course provides an overview to the Carbon Auditing techniques and GHG verifiers and focuses on the different elements of ISO 14064-1-2-3 and its related standards such as the ISO 14065 & ISO 14067 as well as ISO/IEC 17029 standard.

It provides participants an understanding of the fundamental knowledge of the standards and general guidelines in applying and implementing the standards for conformity assessments of the validation and verification systems of the GHG VVB.

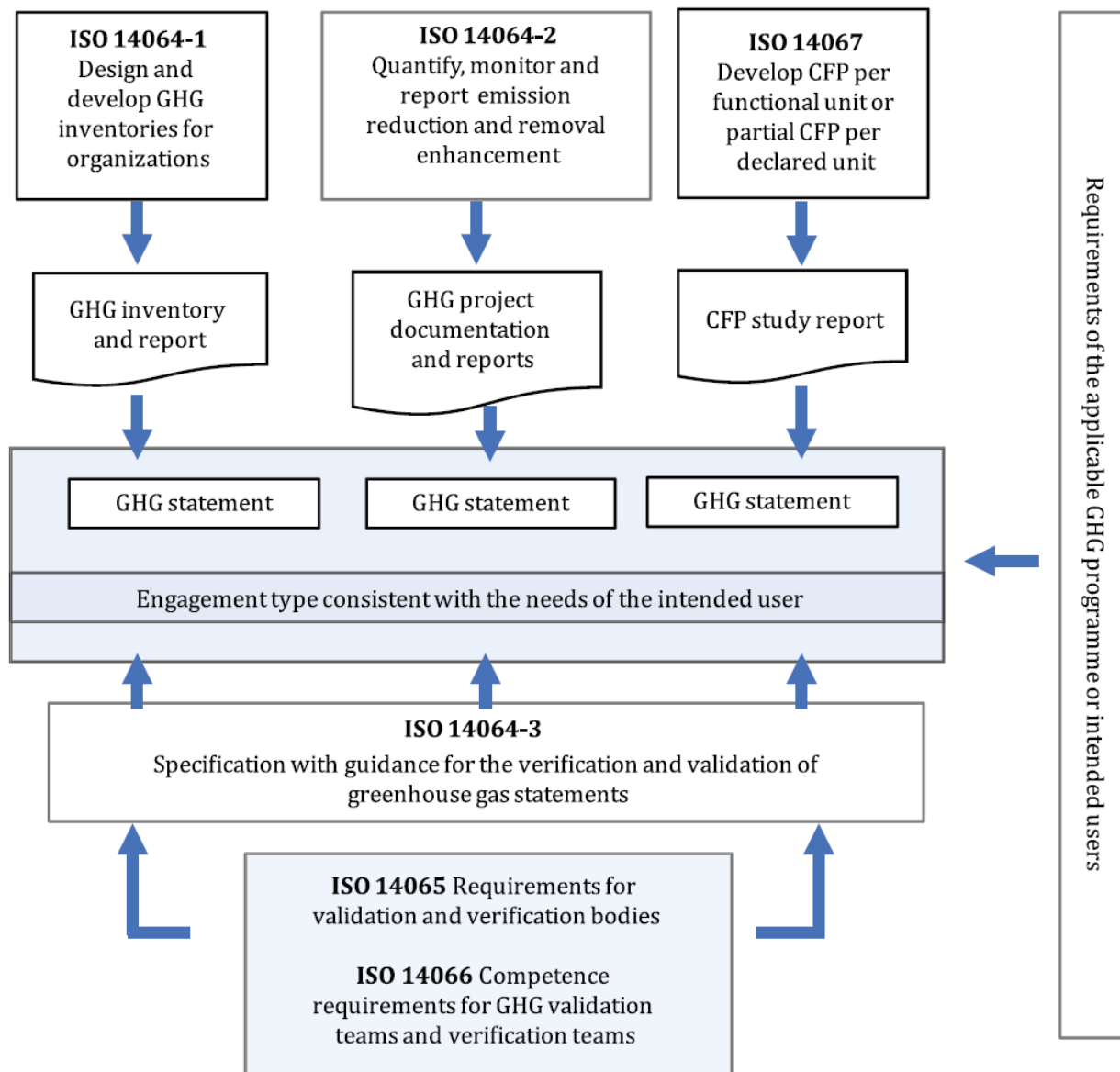


Figure 1 — Relationship among the ISO 14060 family of GHG standards


INTERNATIONAL STANDARD **ISO/IEC 17029**

First edition 2019-10

Conformity assessment — General principles and requirements for validation and verification bodies

Évaluation de la conformité — Principes généraux et exigences pour les organismes de validation et de vérification

Reference number ISO/IEC 17029:2019(E)

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INTERNATIONAL STANDARD **ISO 14065**

Third edition 2020-12

General principles and requirements for bodies validating and verifying environmental information

Principes généraux et exigences pour les organismes de validation et de vérification de l'information environnementale

Reference number ISO 14065:2020(E)

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INTERNATIONAL STANDARD **ISO 14064-1**

Second edition 2018-12

Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

Gaz à effet de serre — Partie 1: Spécifications et lignes directrices, au niveau des organismes, pour la quantification et la déclaration des émissions et des suppressions des gaz à effet de serre

Reference number ISO 14064-1:2018(E)

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INTERNATIONAL STANDARD **ISO 14064-2**

Second edition 2019-04

Greenhouse gases — Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements

Gaz à effet de serre — Partie 2: Spécifications et lignes directrices, au niveau des projets, pour la quantification, la surveillance et la rédaction de rapports sur les réductions d'émissions ou les accroissements de suppressions des gaz à effet de serre

Reference number ISO 14064-2:2019(E)

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INTERNATIONAL
STANDARD

ISO
14064-3

Second edition
2019-04

**Greenhouse gases —
Part 3:
Specification with guidance for
the verification and validation of
greenhouse gas statements**

Gaz à effet de serre —

Partie 3: Spécifications et lignes directrices pour la vérification et la validation des déclarations des gaz à effet de serre



Reference number
ISO 14064-3:2019(E)

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INTERNATIONAL
STANDARD

ISO
14067

First edition
2018-08

**Greenhouse gases — Carbon footprint
of products — Requirements and
guidelines for quantification**

Gaz à effet de serre — Empreinte carbone des produits — Exigences et lignes directrices pour la quantification



Reference number
ISO 14067:2018(E)

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ISO/IEC 17029:2019

**Conformity assessment – General Principle & Requirements
for Validation & Verification bodies**

合格評定-審定與核查機構通用原則和要求

ISO 14065:2020

**General Principle & Requirements for bodies
validating & verifying environmental information**

環境資訊-審定與核查機構通用原則和要求

Feature

This course consists of the training of the following standards:

1. ISO 14064-1:2018 Part 1: Specification with guidance at the organization level for quantification & reporting of GHG emissions & removal
2. ISO 14064-2:2019 Part 2: Specification with guidance at the project level for quantification, monitoring & reporting of GHG emission reductions or removal enhancement
3. ISO 14064-3:2019 Part 3: Specification with guidance for the verification & validation of GHG statements
4. ISO 14067:2013 – GHG Carbon Footprint of Products – Requirements and Guidelines for Quantifications. (Carbon Footprint Product Certification)
5. ISO 14065:2020 – General Principle & Requirements for bodies validating & verifying environmental information
6. ISO/IEC 17029:2019 – Conformity assessment – General Principle & Requirements for Validation & Verification bodies

The course is designed and delivered by professional lead auditor who was also ex-HKAS Senior Accreditation Officer. He had more than 30-year experience in conducting national evaluations, CAB's assessments and audits to different international standards including ISO 17011, ISO 17020, ISO 17021, ISO 17024, ISO 17025, ISO 17065, ISO 9001, ISO 14001, ISO 45001, ISO 50001 and ISO 14065.

Who Should Attend

This course is designed for all carbon auditors and company staff who have intention and will be actively involved in carbon audits and/or implementing carbon footprint GHG validation and verification systems.

Date

10-11 August 2023 (2-day)

Time

9:30am to 5:00pm

Venue

HKICA Training Room, Rm. 108, 1/F, Sun Ling Plaza, 30 On Kui Street, Fanling, N.T., Hong Kong

Instructor

Ir C.K. Cheung, *BSc(1st Class Honours), MSc(Imperial College), DIC, MEng(HKU), MHKIE, Registered Professional Engineer*
Previously Senior Engineer in CEDD and Senior Accreditation Officer in HKAS
HKICA Founding President
ANAB, IAS, GAC & HKAS Assessor
APAC Lead Evaluator,
IAF-ILAC Evaluator

No. of Participants

20 persons on a first-come-first-served basis (Priority will be given to HKICA members).

Language

Chinese (with English course material)

Registration

1. Complete the Google form link
(Course Full)

AND

2. Bank in a cheque for the total fee or transfer the full amount to HKICA Hang Seng Bank account 390-202588-001 and email the bank in/transfer slip to HKICA for record.

Fee

HKICA member \$3,000

Non-member: \$3,500

(For a minimum of 10 participants)

This fee covers course notes. Refreshment will NOT be provided.

(Fees will be refunded for unsuccessful registration or course cancellation).

Deadline

3 August 2023

Assessment

There will be an assessment in the form of a written examination at the end of each module. Those that pass the exam will receive a 'Certificate of Achievement' from HKICA. Others will receive a 'Certificate of Completion'.

Enquiry

Email: info@hkica.org