HKICA

Greenhouse Gases GHG Carbon Auditor Training

on

03 and 17 August 2024 (two-day)
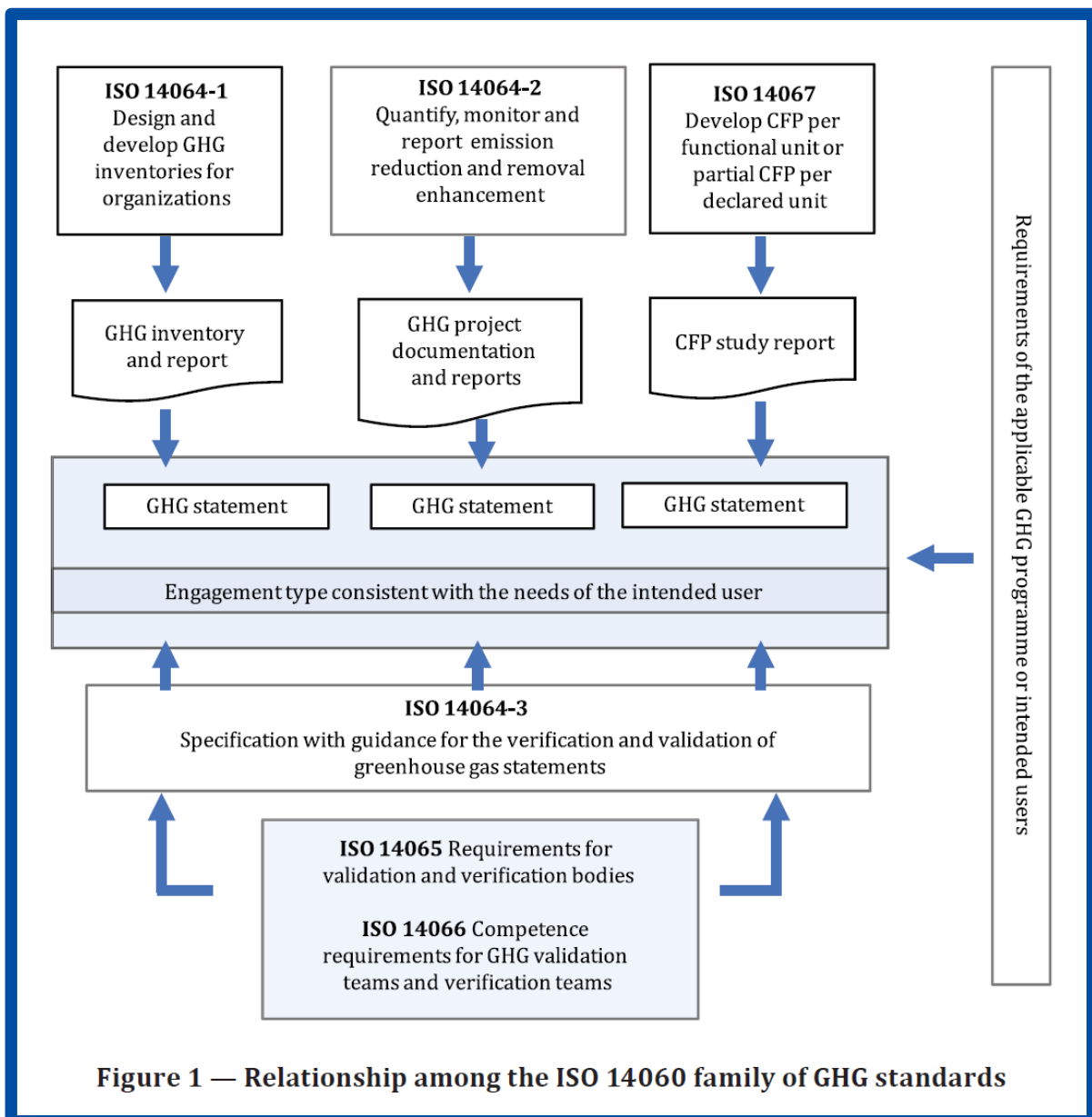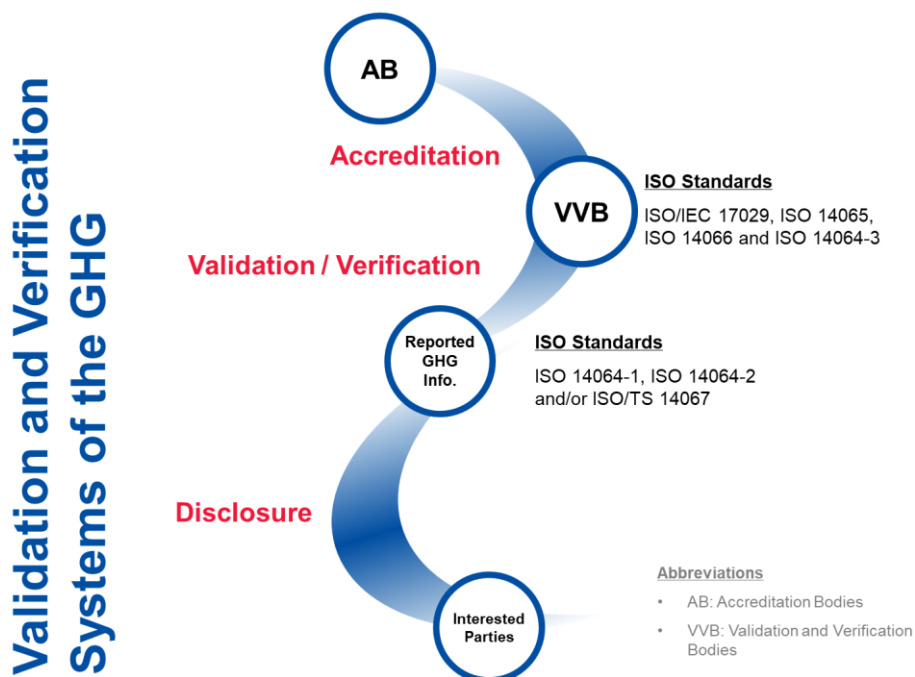

Figure 1 — Relationship among the ISO 14060 family of GHG standards

Course Highlights

This two-day course covers major ISO standards associated with conformity assessments of the validation and verification systems of the GHG. An overview of the requirements and general guidelines in applying and implementing of the GHG verification & validation standards is provided. Participants who work in certification bodies, consultancy firms, testing laboratories, factories, product suppliers, building contractors and governmental organizations are highly recommended.

ISO 14064-1:2018 Part 1: Specification with guidance at the organization level for quantification & reporting of GHG emissions & removal

ISO 14064-2:2019 Part 2: Specification with guidance at the project level for quantification, monitoring & reporting of GHG emission reductions or removal enhancement

ISO 14064-3:2019 Part 3: Specification with guidance for the verification & validation of GHG statements

ISO 14066:2011 Greenhouse gases — Competence requirements for greenhouse gas validation teams and verification teams

ISO 14067:2018 Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification

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

ISO/IEC 17029:2019 Conformity assessment — General principles and requirements for validation and verification bodies

Validation and Verification Systems of the GHG

AB — Accreditation

VVB — Validation / Verification — ISO Standards: ISO/IEC 17029, ISO 14065, ISO 14066 and ISO 14064-3

Reported GHG Info. — ISO Standards: ISO 14064-1, ISO 14064-2 and/or ISO/TS 14067

Disclosure

Interested Parties

Abbreviations
• AB: Accreditation Bodies
• VVB: Validation and Verification Bodies

Course Outline

- Brief introduction on the effects of global warming and climate change
- Introduction of ISO 14064 – Organizational carbon accounting standard
- Understanding of the GHG emission accounting and accounting principles
- ISO 14064-1 Implementation
- Quantification methodologies of common GHG emission
- HK carbon accounting guidelines issued by EMSD and EPD
- Quantification of Scope 3 emissions
- Five principles of verification/validation of GHG-related information from ISO 14064-3
- Validation and verification of GHG statements
- Preparation of GHG report
- Carbon reduction measures

Who Should Attend

- Carbon verifiers, ISO 14064 implementation officers and consultants
- Practitioner who are involved in carbon footprint GHG validation and verification systems
- Practitioners who are involved in environmental management, corporate social responsibilities and sustainability issues

Date and Time

- 9:30am-5:00pm on 03 and 17 August 2024 (two-day, Saturday)

Venue

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

Instructor

Ir Dr Douglas WONG

- Fellow Member and Certified Carbon Auditor of Hong Kong Institution of Certified Auditors
- Qualified Service Provider List (Type I) under the Hong Kong Green Organization Certification Scheme
- BEAM Pro, Hong Kong Green Building Council (HKGBC)
- Registered Energy Assessor, Electrical and Mechanical Services Department, Hong Kong
- Registered Professional Engineer (Chemical, Environmental and Energy Disciplines), Engineering Registration Board, Hong Kong
- MHKIE, Corporate Member of the Hong Kong Institution of Engineers (HKIE) (Chemical, Environmental and Energy Disciplines)
- CAP, Carbon Auditor Professional (Association of Energy Engineer, US)
- CEM, Certified Energy Manager (Association of Energy Engineer, US)

No. of Participants

8-15 persons on a first-come-first-served basis (Priority will be given to HKICA members)

Language

Chinese (with English course material)

Registration

- Complete the Google form link by 1 August 2024
- https://forms.gle/PoPVoP5g19fNKh9z9

Fee and Payment

- HKICA member: $3,000; Non-member: $3,500.
- This fee covers course notes. Refreshments will <u>NOT</u> be provided. (Fees will be refunded for unsuccessful registration or course cancellation).
- 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.

Assessment

There will be an assessment in the form of a written examination at the end of each module. Participants will be awarded a "**Certificate of Achievement**" on successfully passing the examination. A "**Certificate of Completion**" will be issued to participants who have attended more than 90% of the enrolled course hours.

Enquiry

Email: info@hkica.org

About HKICA

The Hong Kong Institution of Certified Auditors (HKICA) was established in 2006. It is a learned society as well as an International Personnel Certification Body (PCB) providing certification services to the quality, environmental, occupational health & safety, food safety, laboratory and other management systems related professions in Hong Kong. In response to the increasing demand for professional and lack of recognition of professional status of Greenhouse Gas (GHG) personnel locally, HKICA expanded its activities to cover certification of GHG Carbon auditors.