



This course was developed by
CSA Standards, and is delivered by
Carbon Action.

ISO 14064

Greenhouse Gas Verification

COURSE MATERIALS INCLUDE:

- ▶ ISO 14064-3 Specification with guidance for the validation and verification of greenhouse gas assertions.

WHO SHOULD ATTEND:

- ▶ Consultants.
- ▶ Auditors.
- ▶ Chartered Accountants.
- ▶ Professional Engineers interested in offering validation or verification services to the emerging carbon marketplace or for national and international regulated GHG programs.
- ▶ Regulated entities and offset project developers also may be interested to understand the processes of validation and verification so they know what to expect when engaging in them.

PRE-REQUISITE:

- ▶ ISO 14064-1 and ISO 14064-2 Essentials course or equivalent (Recommended)

Greenhouse Gas Verification using ISO 14064

Verification is the systematic, independent and documented process for the evaluation of a greenhouse gas assertion against agreed verification criteria. Verification provides an independent assessment of the data associated with a GHG inventory or project and typically offers an opinion on the accuracy of the estimates or measurements, thus giving confidence to others interested in the results. This 3-day course will provide detailed training on the approach to using the ISO 14064-3 standard, with specific examples of how verification would be applied to a GHG inventory prepared according to the ISO 14064-1 standard or a project that conforms with the ISO 14064-2 standard.

AGENDA

The course will cover elements of:

- How verifiers can assess their own competencies to conduct the verification;
- How a verifier can establish the verification scope, objectives, criteria and level of assurance with their client;
- How to establish a materiality threshold for the verification;
- How to assess GHG information systems and controls;
- How to develop a verification plan including a sampling plan;
- How to assess GHG information systems and controls;
- How to assess the GHG documentation, data, information and emission reduction or removal estimates or measurements for the project;
- How to evaluate the GHG assertion against the agreed-upon verification criteria;
- How to issue the verification statement, including any limitations that may be put on the statement;
- How to keep records and how to address facts discovered after the verification.

The course includes interactive team-based exercises, a detailed case study (to reinforce key concepts throughout the course), quizzes and a final exam. The course can be adapted to address verification within the context of a given GHG program.

