



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

ISO 14064-1 Essentials –

Greenhouse Gas Inventories
for Organisations

COURSE MATERIALS INCLUDE:

- ▶ Course Binder, including slides, exercises, case studies
- ▶ ISO 14064-1 standard: ISO 14064-1:2006 – Greenhouse gases – Part 1: Specification with guidance at the organisation level for quantification and reporting of greenhouse gas emissions and removals

WHO SHOULD ATTEND

- ▶ Individuals involved in the management organisational GHG emissions, energy and environmental consultants, GHG validators and verifiers.

PRE-REQUISITE:

- ▶ None

Measuring your organisation's Carbon Footprint

ISO 14064-1 Essentials – Greenhouse Gas Inventories for Organisations

This course provides the basic knowledge and understanding to help organisations quantify and manage their greenhouse gas emissions. It reviews the ISO 14064-1 requirements for determining GHG emission boundaries, quantifying an organisation's GHG emissions and removals and identifying specific company actions or activities aimed at improving GHG management. It also includes requirements and guidance on inventory quality management, reporting, internal auditing and the organisation responsibilities in verification activities. The course also reviews how the requirements of ISO 14064-1 relate to existing GHG schemes and other key protocols and standards, including ISO 14001 and the World Resources Institute / World Business Council on Sustainable Development Greenhouse Gas Protocol.

AGENDA

The course will cover elements of:

Course Introduction

- Welcome, introductions and course administration
- Introduction to ISO, ISO 14064 standards & WBCSD/WRI GHG Protocol

Intro to GHG Inventories

- Overall introduction to GHG inventories
- Understanding the purpose of a GHG inventory for organisations
- GHG inventory development process
- GHG inventory process diagram
- Plan the development and implementation of the GHG inventory
- Develop/Check the procedures and systems required for the GHG inventory
- Report/Review

ISO 14064-1 & GHG Protocol

- Introduction and comparison of ISO 14064-1 GHG Standard and WBCSD/WRI GHG Protocol for Corporate Accounting

GHG Management Handbook

- GHG management policies, strategies and targets
- Company GHG policy statement, strategies
- Risk/Opportunity analysis
- Corporate GHG targets
- Corporate GHG action plans
- Inventory purpose, fundamentals, scope criteria, and intended users
- Roles and responsibilities
- GHG Management principles
- GHG quantification principles
- Inventory management
- Objectives, targets and procedures
- Emission management and internal actions
- Objectives, targets, action plans and procedures

GHG information management system

- What is a GHG IMS?
- Why develop and implement a GHG IMS?
- How to establish a GHG IMS
- Assessing and reducing uncertainties
- GHG verification

