



Future Perfect

A subsidiary of General Physics (UK) Ltd
www.gpsustainability.com

Internal GHG Verifier

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Internal GHG Verifier

Duration

3 days

Overview

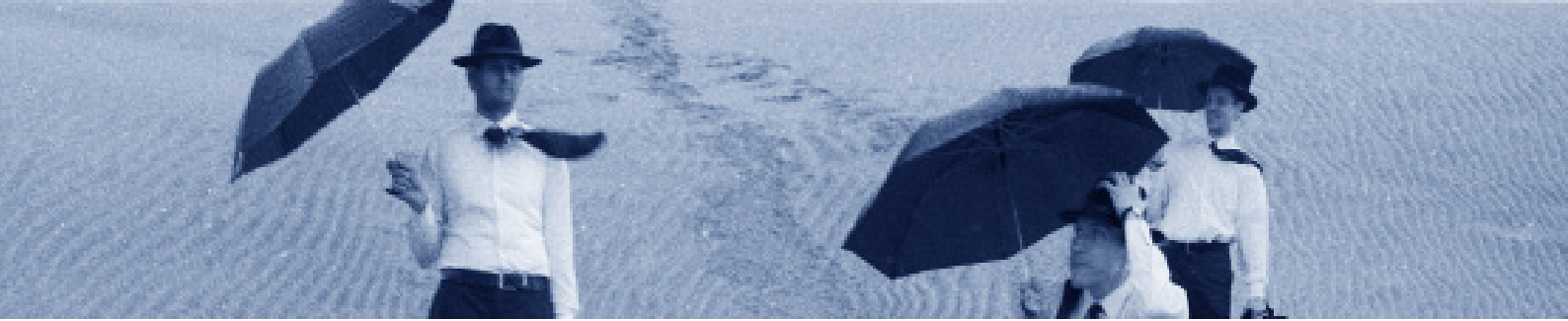
This course provides the knowledge and skills necessary for internal assurance and verification of GHG emissions for the purpose of mandatory or voluntary emissions accounting, reporting and trading schemes.

As more governments follow the lead of the EU and implement mandatory emissions reporting and trading schemes; and as more organisations become aware of the benefits of accounting for their carbon emissions, the skills of internal auditors will become more and more necessary to deliver the high levels of assurance required to ensure that decisions are made on the basis of robust data and to provide comfort to external users of emissions data such as investors, regulators or buyers and sellers of emissions credits where emissions data is used for these purposes.

This course provides the knowledge and skills necessary for undertaking the internal checks and controls required to provide auditable emissions reporting and robust data for decision making purposes.

Objectives

The objective of this course is to ensure that internal auditors undertaking work to check and verify emissions data have the required knowledge, understanding and skills to enable them to conduct robust, high level assurance, quality control and verification activities, that manage relevant risks and liabilities, and enable preparation and readiness for independent external verification where this is required by a specific GHG programme.



The key learning objectives include the ability to:

Awareness:

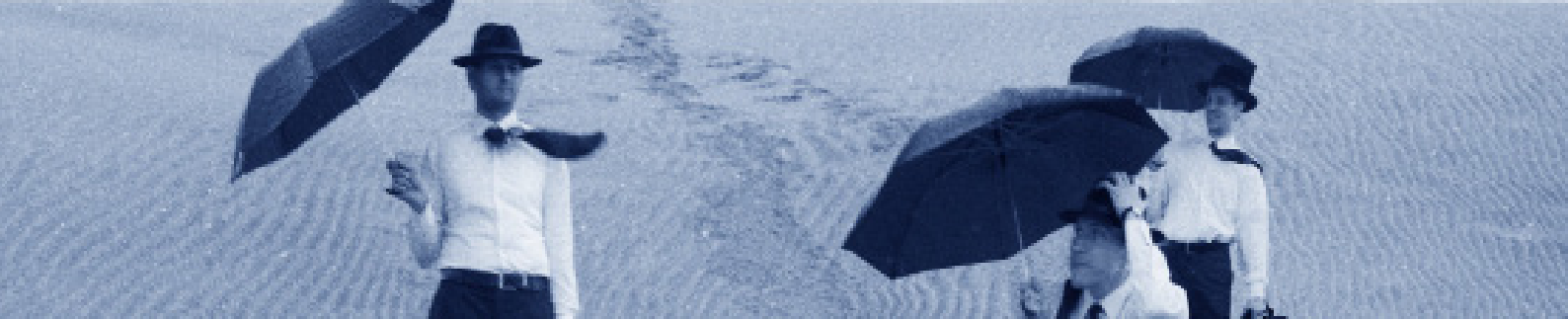
- Describe the requirements of good quality data management and internal quality control necessary to meet regulatory programmes such as the EU-ETS
- Describe the framework requirements, relevant guidance and supporting criteria etc for key regulatory schemes they are involved in
- Describe the implications of relevant ISO and other Standards that may support emissions accounting and reporting

Knowledge:

- Describe the purpose of emissions accounting, within the context that they are working
- Describe relevant quality assurance and quality control requirements and what is expected from an operator as part of compliance requirements for GHG programmes (e.g. EU ETS, CRC etc) and Generally Accepted Accounting Principles
- Explain the means of complying with GHG Programme rules and requirements including preparation and implementation of monitoring plans, emissions inventories, and emissions reports
- Explain how to come to a verification conclusion and describe the content and consequences of a (un)qualified verification statement

Skills:

- Assess compliance with the requirements of the relevant GHG programme rules, regulations, guidance, permits and or plans
- Verify reported data and information on the basis of checking and testing of source data generation, data accounting, data assurance and information management systems/ process



Agenda

DAY 1

Morning

- History and context
- The mechanics of Emissions Trading
- Current emissions reporting and trading programmes

Afternoon

- Key players and their responsibilities
- Principles of Monitoring and Reporting
- Emissions Calculations
- Issues around measurement systems
- The Role of the Verifier

DAY 2

Morning

- What is verification?
- Key Principles of Verification
- Verifier competence requirements

Afternoon

- Overview of the Verification Process
- Risks , Strategic Analysis & Planning
- Risk Assessment

DAY 3

Morning

- The Tools and Techniques of Accounting and Verification
- Missing Data
- Data Analysis

Afternoon

- Completing the Verification
- Integrating with other Management Systems and Controls
- Developing internal accounting and verification procedures