CPP-14064-3 Greenhouse Gas Validation & Verification Module #4 Validation & Verification of Greenhouse Gas Statements, Including Value Chain Emissions, Removals & Net Zero Carbon Emissions Training Course

HRCARBON
Enterprise Human Resource Carbon Management

COURSE DESCRIPTION

This training course (consisting of four Modules) has been developed by HRCarbon to provide practitioners with the skills & knowledge necessary to undertake verification & validation of a greenhouse gas (GHG) inventory developed in accordance with ISO 14064-1:2018, ISO 14064-2:2019 using the verification standard ISO 14064-3:2019 and GHG Protocol Guidance.

Module 4, introduces the learner to GHG Verification & Validation, understand Verification & Validation activities, introduction to Verification & Validation statements, & management process of a Verification & Validation initiative.

LEARNING OBJECTIVES

- Prepare and issue verification and validation opinions to meet internal and external stakeholder requirements
- Gain a comprehension of ISO 14064-3 guidance concerning GHG verification and validation
- Explain the requirements for GHG statements (organizational or project) in line with ISO 14064-1 and ISO 14064-2
- Define verification and validation
- Describe the roles and responsibilities involved in verification
- Differentiate between validation and verification
- Identify the principles of verification and validation
- Demonstrate the application of the five verification and validation principles to a project
- Describe the verification and validation process
- Understand an engagement approach for verification and validation initiatives

AUDIENCE

- Individuals who validate or verify GHG Inventories or GHG reduction/removal projects
- Sustainability Professionals (Responding to Stakeholders requirements for GHG Metrics)
- Corporate Risk Managers
- ESG Software Providers

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COURSE CONTENT

- Introduction to ISO-14064-3 Verification and Validation of GHG Inventories
- Initiate Verification/Validation Engagement, Statement of Engagement
- Verification/Validation Engagement preparation activities
- Developing, Maintaining Verification/Validation work-products
- Delivery of a Verification Engagement Initiative
- Delivery of a Validation Engagement Initiative
- Issuing a statement of Opinion

HRCarbon's Carbon Professional Path consists of 4 Modules:
Module 1 - CPP-14064-1: Greenhouse Gas Inventory Quantification for Organizations
Module 2 - CPP-14064-2: Greenhouse Gas Inventory Quantification for GHG Projects
Module 3 - CPP-Scope 3: Greenhouse Gas Emissions Inventory Quantification for Value-Chain Emissions
Module 4 - CPP-14064-3 – Greenhouse Gas Validation and Verification

PRIOR KNOWLEDGE

Before starting this course, learners are expected to have knowledge of the following principles & concepts obtained from work experience or CPP-14064-1, CPP-14064-2 & CPP-Scope 3 HRCarbon Courses:
- Climate change principles
- GHG Inventory Quantification & Reporting
- GHG Projects with the goal in reductions and removals
- Quantification and reporting of value-chain GHG emissions
- GHG metrics and target setting

Related Courses:
Module 1 - CPP-14064-1: Greenhouse Gas Inventory Quantification for Organizations
Module 2 - CPP-14064-2: Greenhouse Gas Inventory Quantification for GHG Projects
Module 3 - CPP-Scope 3: Greenhouse Gas Emissions Inventory Quantification for Value-Chain Emissions

COURSE CERTIFICATION

HRCARBON
Certified

On completion of this course learners will be issued a Certificate stating learner has completed training of a Certified GHG Verifier and Validator.