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ISO 14064-1 Greenhouse Gases (GHG) Accounting and Verification



**Training
Syllabus**

UNDERSTANDING ISO 14064-1:2018 TRAINING

GENERAL INFORMATION



DESCRIPTION

ISO 14064 Training and Workshop is a two-days program that enables participants to implement ISO 14064 GHG in a company. During this training course, participants will gain the necessary skills and knowledge needed to perform as a GHG verifier. This training enables participants to understand and apply the verification process according to ISO 14064-3.



EXPECTATIONS AND GOALS

By attending the program, candidates are expected to be able to:

- Understand the structure and guidelines of ISO 14064-1:2018
- Identify sources of GHG emissions and removals within an organization
- Develop and manage a GHG inventory
- Apply GHG quantification methodologies
- Prepare GHG reports according to ISO 14064-1:2018
- Understand verification and validation principles for GHG inventories



WHO SHOULD ATTEND

- Environmental managers and sustainability officers
- Compliance and regulatory professionals
- Quality and risk management personnel
- Corporate social responsibility (CSR) professionals
- Auditors and consultants in environmental management
- Any professionals involved in GHG accounting and reporting



PROVIDED MATERIALS

You will get the following materials to support you during the training

- The training module and case studies
- Certificate of Attendance

2 days

UNDERSTANDING
ISO 14064-1:2018
TRAINING

Training Agenda

Topic

Day 1

Introduction to ISO 14064-1:2018

Clause 1: Scope

Clause 3: Terms and Definitions

Clause 4: Principles

Clause 5: GHG inventory boundaries

Clause 6: GHG Quantification and Reporting

Day 2

Clause 7 Mitigation Activities

Clause 8 GHG Inventory Quality Management

Clause 9 GHG Reporting

IMPLEMENTATION

ISO 14064-1:2018 TRAINING

GENERAL INFORMATION



DESCRIPTION

This training introduces the principles and practical application of ISO 14064-1:2018, focusing on organizational-level quantification and reporting of greenhouse gas (GHG) emissions and removals. Participants will learn how to set organizational and operational boundaries, quantify GHG emissions, manage data quality, and prepare GHG reports. Training sessions will include practice exercises to strengthen understanding, without a final exam.



EXPECTATIONS AND GOALS

By attending the program, candidates are expected to be able to:

- Understand the requirements of ISO 14064-1:2018.
- Identify and define organizational and operational boundaries for GHG accounting.
- Quantify GHG emissions and removals using accepted methodologies.
- Develop and manage a GHG inventory with quality and transparency.
- Prepare reports in alignment with ISO 14064-1:2018 principles.



WHO SHOULD ATTEND

- Environmental & Sustainability Managers
- HSE Professionals
- ESG Reporting Teams
- Risk & Compliance Officers
- Internal Auditors and Environmental Consultants
- Professionals involved in carbon management or sustainability reporting



PROVIDED MATERIALS

The following documents will be provided in softcopy format:

- The training module consists of slides of material presentation and case studies
- Certificate of Attendance

2 days

IMPLEMENTATION
ISO 14064-1:2018
TRAINING

Training Agenda

Topic

Day 1

Course Introduction

Standard & Regulation

Clause 4 – Principles

Clause 5 – GHG inventory boundaries

Clause 6 – Quantification of GHG emissions and removals

Workshop of GHG emissions and removals accounting

Day 2

Clause 7 – Mitigation Activities

Clause 8 – GHG Inventory Quality Management

Clause 9 – GHG Reporting

Workshop of GHG reporting

Clause 10 - Organization's role in verification activities

CERTIFIED INTERNAL AUDITOR ISO 14064-1:2018 TRAINING

GENERAL INFORMATION



DESCRIPTION

This training program is designed to provide participants with a comprehensive understanding of auditing greenhouse gas (GHG) inventories based on ISO 14064-1:2018, aligned with the principles and guidelines of ISO 19011:2018. The course covers audit principles, methodologies, planning, execution, reporting, and follow-up processes. Participants will gain the knowledge and skills necessary to conduct internal audits effectively, ensuring compliance and continual improvement in GHG inventory management.



EXPECTATIONS AND GOALS

By attending the program, candidates are expected to be able to:

- Understand the guidelines of ISO 14064-1:2018 for GHG inventory auditing
- Apply the principles and guidelines of ISO 19011:2018 in conducting internal audits
- Develop an internal audit plan and perform risk-based auditing
- Report audit findings and ensure corrective actions are implemented



WHO SHOULD ATTEND

- Environmental auditors and compliance professionals
- Sustainability and corporate responsibility managers
- Quality and risk management personnel
- Internal auditors responsible for GHG reporting
- Consultants in environmental and sustainability auditing
- Any professionals involved in GHG inventory and verification processes



PROVIDED MATERIALS

You will get the following materials to support you during the training

- The training module and case studies
- Certificate of Attendance or Certificate of Success

2 days

CERTIFIED INTERNAL AUDITOR
ISO 14064-1:2018
TRAINING

Training Agenda

Topic

Day 1

Overview about ISO 14064-1:2018

Audit planning & exercise

Auditing

Audit evidence & exercise

Audit findings

Day 2

Audit reporting

Exercise – How to conduct a closing meeting

How to follow up an audit

Exercise – audit follow up


EXAMINATION


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