

ENVIRONMENTAL AUDITING

HSE053

COURSE DESCRIPTION

This course provides a comprehensive overview of environmental auditing, including the essential knowledge, skills, and competencies required to perform effective environmental audits. Participants will learn about the ISO 14001:2015 standard and gain an in-depth understanding of environmental management, the Plan, Do, Check, Act (PDCA) cycle, and environmental aspects and impacts. Additionally, the course covers auditor competencies and responsibilities, practical exercises, case studies, and workshops to enhance the learning experience. Participants will also learn about environmental performance evaluation, KPIs reporting and digitalization, environmental performance monitoring and assessment, and case studies. By the end of this course, participants will be well-equipped to conduct environmental audits and evaluate environmental performance effectively.

COURSE OBJECTIVES

By the end of this course, participant will be able to:

- Understand the ISO 14001:2015 standard and its requirements.
- Gain knowledge of environmental management terms and definitions.
- Learn about the Plan, Do, Check, Act (PDCA) cycle.
- Understand the core elements of an environmental management system.
- Understand the intended outcomes of an environmental management system.
- Learn about environmental aspects, impacts, and evaluation methodology.
- Understand Life Cycle Assessment (LCA).
- Develop auditor competencies and responsibilities.
- Learn to prepare for an audit program and conduct audits using a suitable methodology.
- Develop the ability to identify and write non-conformances and corrective/preventive actions.
- Learn to write audit reports.
- Apply practical exercises and feedback to enhance learning.
- Understand the concept of Environmental Performance Evaluation (EPE) using ISO 14031.
- Understand environmental KPIs reporting and digitalization.
- Learn to monitor and assess environmental performance.
- Apply the concepts learned in the course to real-life case studies.

WHO SHOULD ATTEND

- Environmental auditors
- Environmental consultants
- Environmental managers
- Sustainability professionals
- Quality assurance professionals
- Compliance officers
- Operations managers
- Regulatory affairs professionals
- Environmental health and safety professionals
- Individuals interested in environmental auditing and management.

COURSE DURATION

5 Working Days

COURSE OUTLINES

- Environmental Management Systems (EMS) and the elements of ISO 14001: 2015
- Knowledge of the requirements of ISO 14001 and the commonly used environmental management terms and definitions, according to ISO standard.
- The Plan, Do, Check, Act (PDCA) cycle
- The core elements of the management system and the interrelationship between top management responsibility, policy, objectives, planning, implementation, measurement, review, and continual improvement.
- Environmental Management.
- The intended outcomes of an environmental management system:
 - Enhancement of environmental performance
 - Fulfillment of compliance obligations
 - Achievement of environmental objectives
- Environmental aspects, environmental impacts and environmental impact evaluation methodology.
- Life cycle assessment (LCA)
- Auditor Competencies and Responsibilities
- Preparing for an Audit Programme
- Conducting Audits and Methodology
- Identifying and Writing Non-Conformances and Corrective/ Preventive Actions

- Audit Reports
- Practical Exercises and Feedback
- Environmental Performance evaluation EPE (ISO14031)
- Environmental KPIs reporting and digitalization
- Environmental performance monitoring and assessment
- Case studies

arctic