



ISO 14001:2015

Environmental Management Systems Implementation



Course Information

Course Name	ISO 14001:2015 Implementation
Course Designer	World Wide Industrial and Systems Engineers
Course Category	Environmental Management Systems
Course Duration	5 days
Cost of Course	Refer to Training Schedule

Course Overview

This course is designed to equip delegates with the relevant skills and knowledge to assess and report on the conformance of an Environmental Management System and effectively implement an Environmental Management System. This course provides delegates with the knowledge to develop, manage and monitor an Environmental Management Systems (EMS), appropriate to the needs of their organisation, focusing on environmental risks, activities, aspects and impacts.

ISO 14001:2015 – Environmental Management Implementation

Who Should Attend?	Engineers, Managers, Supervisors and Consultants who will be part of an Environmental Management Systems Implementation Team and anyone involved in the implementation, maintenance or supervising of an ISO 14001:2015 EMS.
Course Objectives	By the end of the course, the learner will be able to: • understand Environmental Management System definitions, concepts, and guidelines • understand the intent and requirements of the ISO 14001:2015 standard • understand the EMS implementation stages, learn best-practice techniques, examine useful tools, and understand integration of the EMS with other environmental programs • apply environmental-management principles to achieve continual EMS improvement • understand how to use the Templates provided to assist in the EMS Implementation. All templates have instructions and examples to assist in the implementation of an EMS and can be applied to an organisation of any type or size.
Benefits	• Identify key benefits to your organisation from implementing an effective EMS • Apply good practice to the implementation using proven tools and techniques • Implement a system that considers socio-economic needs and environmental conditions • Improve the effectiveness of the Environmental Management System • Understand the environmental management principles and terminologies • Have an in-depth understanding of the requirements of ISO 14001:2015 • Implement and maintain an Environmental Management System in line with the requirements of ISO 14001:2015

Course Content

Course Modules

1. History of ISO
2. Importance and benefits of an ISO 14001:2015 EMS
3. Requirements, terms and definitions of ISO 14001:2015
4. Structure of ISO 14001:2015 and framework for Environmental management system standards
5. Risk-based thinking, process approach, Plan-Do-Check-Act, and the management principles
6. Identify environmental impacts of their organisation
7. Understand key terms and definitions of pollution
8. ISO 14001:2015 Environmental Management System Standard Requirements:
 - a. Scope
 - b. Normative Reference
 - c. Terms and Definitions
 - d. Context of the Organisation
 - e. Leadership
 - f. Planning
 - g. Support
 - h. Operations
 - i. Performance Evaluation
 - j. Improvement
9. Purpose and structure of ISO 14001:2015
10. Environmental aspects and impacts
11. How to write effective Environmental Policies, Processes, Procedures, Risk Assessments, controlling documents and managing records.
12. Importance of a Legal Register and Various Legal Requirements
13. Implementing Governance Structures using the process approach of Plan Do Check Act.
14. Key concepts and requirements of ISO 14001:2015 from an implementation perspective
15. Implementing key concepts and requirements of ISO 14001:2015
16. Understanding how to use the Templates provided to implement an EMS

Certification

- Certificate of competence.
- Certificate of attendance.

Assessments

- There will be an assessment at the end of the course.
- Delegates have to complete the assessment with a minimum score of 70% to receive a certificate of competence.
- Delegates who score between 50% and 69% will get a second attempt at the assessment.
- Delegates who score lower than 50% or fail the second attempt, will need to repurchase the course.
- Delegates will receive an attendance certificate regardless of a pass or fail.

About WWiSE

Who are we?

World Wide Industrial & Systems Engineers (WWiSE) is an ISO consultancy, training, business solutions and systems implementation firm based in Southern Africa that provides clients with effective business processes and Safety, Health, Environmental, Risk and Quality (SHERQ) management solutions in preparation for ISO compliance. The solutions we provide and implement allow our clients to compete favourably in modern competitive business environments, locally and internationally. We also strive to be the leading training providers in SHERQ, ISO, Engineering, Finance, Business and Project Management.

What do we do?

Our services are aimed at the improvement of quality, efficiency, knowledge and competitiveness of client companies. The service range includes:

- ISO and SHERQ Systems implementation services whereby we assist client companies in meeting the requirements of ISO 9001, 14001, 22000, 31000, 27001, 20000-1, 50001, 22301 and 45001 standards.
- Integrated Management Systems development whereby we integrate several business systems and environmental, quality management solutions into a single management system to comply with various environmental, quality and safety standards.
- Training of all employees (Shop Floor to Executive Management) in the fields of SHERQ, Engineering, Finance, Business and Project Management to meet the job responsibilities and expertise requirements of the International Standards.

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- ISO and Legal auditing which includes gap analysis audits, product, process, procedural, and systems auditing by our registered SAATCA auditors.
 - Customised web-based solutions integrating current systems to be in line with ISO requirements

We are a Level 1 BBBEE Contributor that specialises in systems development, consultancy, training and auditing.