



SHEQ Implementation

Based on ISO 9001:2015,
14001:2015, ISO 45001:2018
and ISO 31000:2018



Course Information

Course Name	SHEQ Implementation based on ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 & ISO 31000:2018
Course Designer	World Wide Industrial and Systems Engineers
Course Category	Occupational Health and Safety Management Systems
Course Duration	5 days
Cost of Course	Refer to Training Schedule

Course Overview

This course is based on ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 and ISO 31000:2018. This course provides you with an overview of the standards, where key areas of all four standards will be discussed. A summary of the requirements will also be discussed, which will allow delegates to understand how to implement the standards and prepare for an audit.

There will be case studies to link clauses to scenarios of non-conformances to assist in grasping the understanding of the various clauses. Focus will be primarily on how to implement an EMS (Using the Environmental Aspects and Impacts Register) and OHS-MS (Using the HIRA), as well as discussions on Quality Control Plans and managing risks.

SHEQ Implementation

Who Should Attend?	• Newly elected Health and Safety or SHE/SHEQ Representatives • Current Representatives or Management Representatives • Contractors • Committee Members
Course Objectives	• On successful completion of this module the delegate will be able to explain and document structured workplace inspections, observations and findings. These will be reported to and evaluated by Safety, Health and Environmental committee members before being submitted to management for corrective action and in accordance with Occupational Health and Safety legislation.
Benefits	• Provides senior management with an efficient management process • Sets out areas of responsibility across the organisation • Mandatory if organisations want to tender for some public sector work • Communicates a positive message to staff and customers • Identifies and encourages well-organised and time saving processes • Highlights what the organisation lacks • Reduces organisational costs • Provides continuous assessment and improvement • Provides the delegate with a set of templates to assist with the implementation of the system • Provides the delegate with the skills to develop and implement an OH&S policy and OH&S objectives • Assists in establishing systematic processes which consider its “context” and which will take into account its risks and opportunities, and its legal and other requirements • The course will enable the delegate to determine the hazards and OH&S risks associated with its activities, seeking to eliminate them, or putting in controls to minimise their potential effects • Ensuring workers take an active role in OH&S issues Some of the benefits to customers: • Improved quality and service • Delivery on time • Right first-time attitude

- Fewer returned products and complaints
- Independent audits demonstrate commitment to quality

Course Content

Course Modules

1. ISO 9001:2015 Awareness

- What is ISO?
- Why ISO?
- What is QMS
- 7 quality principles
- The cost of quality
- Terms and definitions
- Clauses and Sub-clauses
- Mandatory and non-mandatory requirements
- System structure
- Benefits of ISO
- Maintenance of a QMS
- 9001:2015 Implementation (Only Clauses, full detail and a Summary of Mandatory Documents, Records)

2. ISO 14001:2015 Awareness

- History of ISO
- Importance and benefits of an ISO 14001:2015 EMS
- Requirements, terms and definitions of ISO 14001:2015
- Structure of ISO 14001:2015 and framework for Environmental Management System standards
- Risk-based thinking, process approach, Plan-Do-Check-Act, and the management principles
- Identify environmental impacts of their organisation
- Understand key terms and definitions of pollution
- Learn basic principles, key concepts and importance of environmental law
- Identify the link between jobs and a range of environmental impacts
- Understand business benefits of adopting an Environmental Management System
- Identify key issues related to energy use and waste minimisation, water use, pollution and emergency planning
- Legislation, Water Discharge, Discharge to the air, Noise pollution, Financial Penalties & Waste Disposal.

	14001:2015 Implementation (Only Clauses, full detail and a Summary of Mandatory Documents, Records) 3. ISO 45001:2018 Awareness - What is ISO 45001? - Structure of ISO 45001 - Key Perspectives of ISO 45001 - ISO 45001 Terms Definitions and Interpretation - What is an ISO 45001 Management System - Overview of The Occupational Health and Safety Act - Key Elements of ISO 45001 broadly discussed - PDCA: Plan- Do- Check Act - Attitudes toward health and safety - Occupational Health & Safety act - Safety Signs and Regulations - Health and Safety Challenges in the workplace; the role of a Health & Safety Rep. - Similarities and differences of OHSAS 18001:2007 and ISO 45001. 45001:2018 Implementation (Only Clauses, full detail and a Summary of Mandatory Documents, Records) 4. ISO 31000:2018 - Review of risk definitions according to ISO 31000:2018 - Understanding the various risk methodologies - Completion of risk assessments using risk language - Risk treatment mitigation plans - Risk reports - How to Integrate Risk in other ISO Management Systems
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 SHEQ, 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.
- 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