



HAZARD IDENTIFICATION AND RISK ANALYSIS



Course Information

Course Name	Hazard Identification and Risk Analysis
Course Designer	World Wide Industrial and Systems Engineers
Course Category	Management System
Course Duration	2 days
Cost of Course	R5 200,00 per delegate (excluding 15% VAT)

Course Overview

This Workshop will give delegates the ability to conduct the necessary HIRA for an organisation and make the organisation aware of what is at risk and some indicators of what can be done to alleviate them or mitigate the outcome.

Hazard Identification and Risk Analysis

Who should attend?	<ul style="list-style-type: none"> • Management and supervisors • SHE practitioners and SHE representatives • Any person who is expected to carry out formal hazard identification and risk assessments for health and safety practices
Course Objectives	<ul style="list-style-type: none"> • The workshop includes several interactive Outcomes Based Exercises requiring all delegates to participate in. • Some of the course content that Delegates will be exposed to including several exercises for them to complete and several the handouts they will also receive.
Benefits	<ul style="list-style-type: none"> • All delegates will be able to use the workshop material for setting up and conducting HIRA in their organisation within a short period after attending the workshop. • Delegates will have extensive knowledge of HIRA that will enable them to process the organisation's risk analysis in-line with the requirements of OHSAS 18001 and similar Standards where safety needs to be pre-analysed. • Delegates will be able to contribute to the continual improvement of their organisation in a meaningful way by a better understanding of the Risks inherent in the business and making appropriate recommendations to alleviate any impact.

Course Content

Course Modules	<ul style="list-style-type: none"> • Managing Risk. • Impact Analysis – Worse Case Scenarios. • Risk Levels of Maturity. • General Principles of Risk Control. • Occupational Health & Safety Act – abridged. • Risk and SANS 10228 - DG Classification. • Risk and SANS 10229 - DG Packaging. • Risk and SANS 10231- Transportation of DG. • Risk and SANS 10263 - Dangerous Goods (DG). • 22 International Protocols. • The Four Step Risk Management Process. • Conducting an Environmental Audit. • Environmental Legal Compliance Checklist. • Qualitative & Quantitative Risk Identification Techniques. • Risk and Expected Value.
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	<ul style="list-style-type: none"> • Types of Safety Audits for OHSAS 18001
Certification	<ul style="list-style-type: none"> • All delegates who successfully pass the assessment over 60% will be issued with a certificate of competence. • If you receive lower than 60% a certificate of attendance will be issued.
Assessments	<ul style="list-style-type: none"> • An Assessment at the end of the course will be required. • A minimum of 60% is to be achieved to attain a Competence Certificate. • If you achieve lower than 60% but get between 40 – 59% a second attempt will become available. • If you get lower than 40% and fail the second attempt, you will need to re-purchase the course. • An attendance certificate is awarded to you regardless of a pass or fail.

About WWiSE

Who are we?	<p>World Wide Industrial & Systems Engineers (WWiSE) is an ISO/OHSAS consultancy, training, business solutions and systems implementation firm based in Southern Africa that provides clients with effective business processes and Safety, Health, Environmental and Quality (SHEQ) management solutions in preparation for ISO and OHSAS 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.</p>
What do we do?	<p>Our services are aimed at the improvement of quality, efficiency, knowledge and competitiveness of client companies. The service range includes:</p> <ul style="list-style-type: none"> • ISO and SHEQ Systems implementation services whereby we assist client companies in meeting the requirements of ISO 9001,

14001, 22000, 31000, 27001, 20000-1, 50001 and ISO 45001 standards.

- Integrated Management Systems development whereby we integrate several business systems and quality management solutions into a single management system to comply with various quality and safety standards.
- Training of all employees (Shop Floor to Executive Management) in the fields of SHEQ, Engineering, Finance, Business and Project Management to meet the job responsibilities and expertise requirements of International Standards.
- ISO, OHSAS 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 and OHSAS requirements

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