

HIRA Hazard Identification and Risk Assessment Course

1 Day Course



South African Institute of
Occupational Safety and Health

Verified - 2 CPD Points

Module 1: Introduction

- Introduction and reasons for risk assessments
- Occupational risk and occupational health risk assessments
- The term risk assessment

Module 2: Legal requirements

- Risk assessment requirements for South Africa
- Risk assessment guidelines and standards (King IV Report on Corporate Governance, ISO 31 001, SIMRAC guidelines)

Module 3: Important definitions, terminology, hazards and risks likely to be encountered

- Important definitions, relevant terminology and examples of work-related hazards and risks

Module 4: HIRA principles and criteria

- Criteria for assessments
- Principles for HIRA

Module 5: Legal risk exposures and the influence of codes and standards on assessments

- Legal risk exposure
- The influence of codes and standards on assessments
- When legislation, codes or standards don't exist

Module 6: Risk management; types of risk assessments

- Risk management and HIRA
- Different types of risk assessments (baseline, issue-based and continuous HIRA)

Module 7: Managing the HIRA process

- Scope of the HIRA
- HIRA process and management
- Planning for risk assessment
- Aspects or guidelines that should be followed during the planning phase of the risk assessment
- Gathering and analysis of information on previously identified hazards and risks
- Identifying and appoint of competent assessors

Module 8: HIRA methodology

- Initiating the HIRA and selecting the approach
- Selection of a suitable risk assessment report
- How to identify hazards
- Determine the associated risk(s) to the identified hazards
- Identify all parties affected by the hazard and determine how they can be affected
- Evaluate or assess the risk (examples of various methodologies discussed and provided)

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Module 9: Managing the risk

- Sequence of applying control measures
- Identify and evaluate existing risk controls
- Identify appropriate control measures
- Hazard register
- Compile an action plan
- Communicate and consult
- Implementation
- Record keeping
- Monitor the effectiveness of measures
- Review and update
- Conclusion

This course is aligned to unit standard:

US 244287 - Conduct a baseline risk assessment and take appropriate action.

Purpose of the course:

Risk assessments are a legal requirement. Hazard identification and risk assessment (HIRA) has become an important key to provide a safe and healthy workplace. HIRA is the first step in the prevention of occupational accidents and ill-health.

It is important to know what HIRA is and how to effectively apply these principles.

This course will assist employers to perform suitable and sufficient risk assessments. It will assist in identifying, implementing, and maintaining risk control measures to manage health and safety risks effectively.

Upon completion of his course, learners should be able to:

- understand the scope and impact of the risk assessment process, including the legal requirement imposed upon the employer for the completion of suitable and sufficient risk assessments.
- identify and assess work-related hazards and participate in baseline and continuous HIRA activities.
- identify and assess work-related hazards and risks in order to identify, implement and evaluate effective methods of control for the situation.
- explain the specified requirements needed to conduct a baseline risk assessment
- prepare to conduct a baseline risk assessment
- conduct a baseline risk assessment
- initiate remedial action for hazards identified and risks assessed

The course will be useful for:

- Management and supervisors
- SHE practitioners/officers
- Safety, health and environmental personnel such as risk managers, loss control officers, facility managers
- Health and safety representatives and committee members
- Contractors
- Subject experts
- Any person who is expected to carry out baseline hazard identification and risk assessments

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