



HIRA

(Hazard Identification and Risk Assessment)

SAQA US: 120330
NQF Level: 3, SAQA Credits: n/a
SAIOSH CPD Credits: 2
Duration: 1 Day

Course description

The one-day HIRA (Hazard Identification and Risk Assessment) course covers the fundamentals of identifying potential hazards within a workplace or environment and assessing the associated risks.

Course outcome

By the end of the course, the student will be able to:

- Recognise different types of hazards that can occur in various settings.
- Understand the techniques to assess the likelihood and severity of identified hazards.
- Explore ways to control or minimize risks to ensure a safer environment.
- Understand relevant laws and regulations regarding health and safety standards.

Course Content

MODULE 1: INTRODUCTION TO HAZARD IDENTIFICATION AND RISK ANALYSIS

- 1.1 Introduction.
- 1.2 Definitions.
- 1.3 What is a Risk Assessment.
- 1.4 Why is a Risk Assessment important.
- 1.5 What is the role of a Risk Assessment.
- 1.6 When should a Risk Assessment be done.
- 1.7 How do you plan for a Risk Assessment.
- 1.8 How is a Risk Assessment done.
- 1.8 Financial benefits of Risk Assessments.
- 1.9 Moral reasons.
- 1.10 Expectations of a Risk Assessment done.

MODULE 2: IDENTIFICATION OF POTENTIAL HAZARDS IN THE WORKPLACE

- 2.1 Reasons why Health Hazards are not recognised.
- 2.2 Classes of Occupational health hazards.
- 2.3 Biological.
- 2.4 Dealing with Health Hazards.
- 2.5 Identifying and dealing with hazards in the workplace.

MODULE 3: TYPES OF RISK ASSESSMENTS

- 3.1 Baseline Risk Assessments.
- 3.2 Issue Based Risk Assessments.
- 3.3 Continues Based Risk Assessments.

MODULE 4: THE STRUCTURE OF RISK ASSESSMENTS

- 4.1 Step 1: Planning.
- 4.2 Step 2: Identify Hazards.
- 4.3 Step 3: Analysis.
- 4.4 Step 4: Evaluate Risks.
- 4.5 Hazard Controls.

MODULE 5: HIRA METHODOLOGY

- 5.1 Choosing the Risk Methodology.
- 5.2 RAW Risk rating.
- 5.3 Calculating Raw Risk.
- 5.4 Residual risk rating after mitigating factors has been incorporated.