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Risk assessment and control Course Details

Department: Safety, Health and Environment (SHE)

Presented by Magna Skills Development Institute

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Training Coordinator: Denis Wunganayi



Course Summary

Our training is very workplace specific. We will look at your risk assessment processes and the hazards that are specific to your workplace. We will cover different methods of risk controls and the various consequences and categories of risk. We will examine the hierarchy of hazard controls as well as devising tailored risk reduction strategies.

During the course we will complete several practical risk assessments and look at different methods for risk elimination and risk control. We will complete many of the practical tasks in a group environment on actual work tasks that company personnel undertake.

Course Objectives

- Demonstrate an understanding of employers' and employees' responsibilities under the Management of Health & Safety at Work Regulations
- Carry out the risk assessment process by recognising and quantifying common hazards in the workplace.
- WHS legislation overview concerning risk assessments
- Risk assessment process
- Risk Assessment
- Roles and responsibilities of management and employees
- Case studies from industry
- Hazard identification
- Risk identification and assessment
- Control measure suitability and risk reduction
- Personal interpretation of risk
- Qualitative and quantitative measurements of risk
- Residual risk ratings and residual risk reduction strategies
- Hierarchy of hazard controls
- Worksite policy and procedures
- Consultation as part of the risk assessment process

Course Outline

Introduction to Health and Safety Legislation

• Identify and list legislation relating to risk assessment

- State the main causes of injuries and ill health and the need for their prevention;
- State the main costs of accidents and ill health to employers, employees and society;
- Define the terms 'accident' and 'occupational health and safety';
- Explain what is meant by the term 'accident triangle' and the need to report, investigate and prevent near misses/minor accidents as part of an overall accident prevention strategy;
- State that health and safety is affected by occupational, environmental and human factors, with examples.

Principles of Risk Assessment

- List the reasons for using risk assessment;
- Describe what is meant by the term 'risk assessment';
- Define the terms 'hazard', 'risk' and 'control measure' and give examples of each;
- State how the extent of risks can be quantified and describe at least one method for rating or prioritising risks;
- Describe the necessary skills of a risk assessor and give examples of personnel who should be involved in a risk assessment programme

The Health and Safety at Work act

- Explain employers' and employees' responsibilities under the Health and Safety at Work Act
- Introduction to the Management of Health and Safety at Work Regulations
- Explain employers' and employees' responsibilities under the Management of health and Safety at Work Regulations

The Risk Assessment Process

- Define the terms "hazard", "consequence" and "likelihood"
- List common hazards
- Demonstrate how to quantify risk
- Understand the risk assessment process
- Demonstrate an ability to complete a risk assessment

Risk Control Management

- Explain the hierarchy of control measures
- Explain when a risk assessment should be reviewed
- Conducting a Risk Assessment
- Complete a risk assessment

Assessment Of All Identified Risks

- How analysis of each risk converts the statement of the risk into decision making information
- Process of analysing each risk
- Assessment of each risk
- Using a Risk Assessment Matrix
- Determining whether a risk is high, medium or low level

Risk Monitoring & Control

- Monitoring and controlling each risk
- Limit Testing Method
- The frequency of monitoring & controlling risks
- · Communicating the results of monitoring the risks
- Managing stakeholders perceptions
- Tracking changes in risks

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Who We Are: Magna Skills is a premier training and capacity-building organization specializing in professional development for government institutions, NGOs, and the private sector.

Our Mission: To provide world-class training solutions that equip professionals with the expertise needed to excel in their careers and contribute meaningfully to their organizations.

Our Vision: To be the leading provider of professional training and development across Africa, fostering excellence, innovation, and capacity-building in public and private sectors.

Core Values

- Excellence Delivering high-quality training tailored to meet the evolving needs of professionals.
- Integrity Upholding the highest ethical standards in all our engagements.
- Innovation Embracing new technologies and methodologies to enhance learning experiences.
- Customer-Centric Approach Ensuring client satisfaction by providing relevant, practical, and impactful training.
- Collaboration Partnering with industry experts and institutions to provide the best learning opportunities.

Our Training Methodology

We use a blended learning approach that includes instructor-led training, case studies, workshops, and post-training support.

Why Choose Magna Skills?

- Experienced Trainers
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- Global Recognition
- Proven Track Record

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