MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

Safety, Health and Environment (SHE)

Managing hazardous substances

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD2748	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course

View Online Course Page

Course Overview

The Managing Hazardous Substances course offered by Magna Skills is designed to provide participants with comprehensive knowledge and practical skills to effectively identify, assess, and manage hazardous substances in various workplace environments. Participants will learn about the regulations, best practices, and control measures associated with hazardous substances, ensuring compliance with health and safety standards while minimizing risks to workers and the environment.

Course Outcomes

- **Understanding Hazardous Substances:** Gain a thorough understanding of different types of hazardous substances, their properties, and potential health and environmental hazards.
- **Regulatory Compliance:** Familiarize participants with relevant regulations and standards governing the management of hazardous substances, ensuring compliance with legal requirements.
- **Hazard Identification and Risk Assessment:** Learn how to identify and assess hazards associated with hazardous substances through risk assessment processes, including exposure assessment and hazard characterization.
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Control Measures and Risk Management: Explore control measures and risk management strategies to mitigate hazards associated with hazardous substances, including substitution, engineering controls, and personal protective equipment (PPE).

- **Emergency Preparedness and Response:** Develop protocols and procedures for emergency preparedness and response in the event of spills, leaks, or accidental releases of hazardous substances, ensuring swift and effective action to minimize harm.
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Course Outline / Curriculum

Module 1: Introduction to Hazardous Substances

- Definition of hazardous substances and their classification
- Common types of hazardous substances and their properties

Module 2: Regulatory Framework

- Overview of relevant regulations and standards (e.g., OSHA, EPA)
- Responsibilities of employers and employees in managing hazardous substances

Module 3: Hazard Identification and Risk Assessment

- Methods for identifying hazardous substances in the workplace
- Conducting risk assessments and exposure evaluations

Module 4: Control Measures

- Engineering controls for hazardous substance management
- Administrative controls and safe work practices
- Selection and use of personal protective equipment (PPE)

Module 5: Storage and Handling

- Safe storage practices for hazardous substances
- Handling procedures to minimize exposure risks

Module 6: Hazardous Waste Management

- Proper disposal and management of hazardous waste
- Regulatory requirements for hazardous waste handling and disposal

Module 7: Emergency Preparedness and Response

- Developing emergency response plans for hazardous substance incidents
- Training employees on emergency procedures and protocols

Module 8: Health Effects and Medical Surveillance

- Understanding the health effects of exposure to hazardous substances
- Implementing medical surveillance programs for at-risk workers

Module 9: Training and Education

- Providing comprehensive training to employees on hazardous substance management
- Promoting awareness of hazards and safe work practices

Module 10: Case Studies and Best Practices

- Analyzing real-life case studies of hazardous substance incidents
- Identifying best practices for effective hazardous substance management

The Managing Hazardous Substances course equips participants with the knowledge and skills necessary to effectively manage hazardous substances in the workplace, ensuring compliance with regulations and safeguarding the health and safety of workers and the environment. Through a combination of theoretical learning, practical exercises, case studies, and interactive discussions, participants will develop the expertise needed to identify, assess, and control hazards associated with hazardous substances effectivel

Target Audience

This course is suitable for persons who are not themselves required to enter and work in confined spaces, but need to develop an awareness of the risks and safety implications, e.g. employers, managers, committee members, administrators, etc.

Key Course Benefits

Work-Ready Skills

Delegates leave with practical tools, templates and methods they can apply immediately at work.

Better Institutional Results

The programme supports stronger planning, reporting, compliance, accountability and service delivery.

Sponsor-Friendly

This document is designed to help supervisors, HR units and sponsors approve delegate participation quickly.

Professional Recognition

Delegates receive training documentation and a certificate of completion after successful participation.

Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

Southern Africa

Practical training destinations with strong travel access and delegate support.

- Pretoria, South Africa
- Vic Falls, Zimbabwe
- Livingstone, Zambia

East Africa

Popular regional centres for government, NGO and donor-funded project teams.

- Kigali, Rwanda
- Kampala, Uganda
- Nairobi,
- Zanzibar, Tanzania

West Africa & Islands

Strategic locations for regional networking and executive capacity building.

- Accra, Ghana
- Port Louis, Mauritius

International Executive Venue

Premium destination training for senior teams and international delegates.

- Dubai, United Arab Emirates

Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

- Online, E-Learning
- Remote Teams
- Flex

Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

- Onsite
- Custom Dates
- Group Training

Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

Register / Apply Online | **View Full Course Page**

About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training | NGO Capacity Building | Corporate Workshops | Online Learning | Face-to-Face Training | Certifica

Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

Organisation / Department	
Delegate Name(s)	
Approved Course	Managing hazardous substances
Preferred Delivery Mode	☐ Online ☐ Face-to-Face ☐ Organisation-Based Training
Preferred Training Venue / Date	
Estimated Number of Delegates	
Budget / Vote Number	
Contact Person	
Email / Mobile	

Authorised Name _____ Signature / Stamp _____ Date _____