

Hazardous Chemical Handling Workshop

Date: 20 - 21 April 2023
Venue: Manhattan Hotel, Pretoria



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OVERVIEW

Mitigating the risks associated with hazardous materials handling requires the application of safety precautions, consequently, several definable elements need to be taken into consideration namely handling, transporting, storing and disposing of hazardous chemicals in a manner that significantly improves workplace safety while reducing workplace accidents and illnesses in addition to minimizing the severity of those that might occur.

Appropriate controls must be chosen to protect the health and safety of employees who work with hazardous chemicals. It is imperative that employees are adequately trained on the hazards and the proper use of controls.

All workplaces must be prepared to deal with accidental releases or spills of hazardous material therefore this workshop elaborates on the importance of maintaining PPE, Potential sources of exposure, Emergency response and incident procedures, Safety equipment, facilities and engineering control measures in addition to implementing proactive measures of spill prevention and also delves into the laws and regulations on the use and handling of hazardous materials.

**Only
R8999**

WHO SHOULD ATTEND

- HSE
 - Risk Control Managers
 - Health and Safety Officers
- Health and Safety Representatives
 - Occupational Hygienists
- Health & Safety Specialists
 - Industrial Hygienists
 - Safety Engineers
 - Health Officials
- Environmental Managers
 - Safety Managers
 - Risk Managers
- Production Supervisors / Managers
- Store and Warehouse Supervisors / Managers
 - Buyers
- HCS & Chemical Waste Transporters
 - Chemical engineers
 - Chemical transporters
 - Laboratory Managers
- Occupational Health Professionals
 - HR Professionals
- Occupational Physician/Nurses
 - Environmental Specialists
 - Plant Managers
 - Facility Managers
 - Compliance Managers
- Environmental Affairs Managers
 - Consultants
 - Line Managers
- Safety Training Personnel

BENEFITS

- Legislation applicable to dangerous goods and hazardous chemical substances
- Identification of HCS and dangerous goods
- Potential sources of exposure
- Employer's action to protect employees
- Safety equipment, facilities and engineering control measures
- The role of housekeeping in the HCS area
- Gaining insight into the load compatibility chart
- Placarding on vehicles
- Emergency response and incident procedures
- Driver responsibility
- Hazardous chemical substances and the macro environment

DAY ONE

SESSION ONE

Legislation applicable to dangerous goods and hazardous chemical substances.

- Legal requirement in terms of employee safety when handling HCS /
- dangerous goods
- Hazardous Chemical Substance Regulation under the OHS Act
- Employer responsibility
- Employee responsibility

DAY ONE

SESSION TWO:

Identification of HCS and dangerous goods

- Classification of HCS
- Hazards of different classes

DAY ONE

SESSION THREE:

Potential sources of exposure

- HCS forms
- Route of entry into the body
- Health risks associated with exposure
- The impacts exposure to HCS can have on the health of the employee

Practical Exercise: In this practical exercise delegates will be given an exercise on potential sources of exposure, after which the trainer will then discuss potential problems and solutions along with input from the group.

DAY ONE

SESSION FOUR:

Employer's action to protect employees

- Legal required actions to be taken by employers to protect employees
 - against exposure to HCS, thus preventing employee ill health
 - Risk management actions
- 1) Precautions taken by employee for protection against risks associated with exposure
 - 2) The responsibilities of employees who are working with HCS
- Legal requirements
 - Personal protective clothing and respiratory protective equipment
- 1) Types of PPE
 - 2) PPE management

DAY ONE

SESSION FIVE:

Safety equipment, facilities and engineering control measures

- Facilities required on site where HCS is used, handled, manufactured &
 - stored
 - Engineering control measures to be taken
 - Safety equipment and management of equipment with regards to monitoring the environment where HCS is worked with
 - Air sampling and medical surveillance
- 1) Medical surveillance for employees working with HCS
 - 2) Handling of existing medical conditions

Round table discussion: The aim of this session is to facilitate knowledge exchange in which delegates share their individual thoughts on safety equipment, facilities and engineering control measures.

DAY ONE

SESSION SIX:

Good housekeeping

- The role of housekeeping in the HCS area
 - 1) Personal hygiene
- The role of personal hygiene in the HCS area
 - 1) The responsibility of the employee with regards to personal hygiene
- Safe work procedures
 - 1) Works procedures for tasks where HCS are involved

DAY TWO

SESSION ONE:

Gaining insight into the load compatibility chart

- How to determine what HCS / dangerous goods can be transported,
 - stored and disposed of together
- Dangerous goods declaration and tremcards
- The format and content of DGD and TREMCARD
- The uses of DGD and TREMCARD
- Legal requirement as per Road Transportation Act

DAY TWO

SESSION TWO:

Placarding on vehicles

- Purpose of placarding
- Using the correct placarding
- Correct placing of placarding
- When to remove placarding
- International Marine Dangerous Goods Code
 - 1) Classification
 - 2) Placarding

DAY TWO

SESSION THREE:

Emergency response and incident procedures

- Managing an emergency situation
- Emergency equipment
- Managing emergency equipment
- Emergency procedures
- Fire fighting and spillage control equipment
- Determine type of equipment required
- Managing equipment effectively
- Spill clean-up procedure

Practical Exercise: Delegates will be required to break into groups to discuss / debate the role of emergency response and incident procedures and how it should be approached for best results. Each group will be required to present their deliberations

DAY TWO

SESSION FOUR:

Driver responsibility

- Responsibility of driver transporting dangerous goods
- On-route behaviour
- Vehicle inspection
- Incident procedure
- Loading and unloading operations
 - 1) Procedure to be followed when loading dangerous goods
 - 2) Procedure to be followed when unloading dangerous goods

DAY TWO

SESSION FIVE:

Hazardous chemical substances and the macro environment

- Pollution prevention
- Hazardous waste management
- Employer & employee responsibility

DAY THREE

LAST SESSION

Practicals and Assessments

Hazardous Chemical Handling

Workshop REGISTRATION FORM

Date: 20 - 21 April 2023

Venue: Manhattan Hotel, Pretoria

Organization				
Department				
Postal Address				Postal code
Telephone				
	Name	Surname	Telephone	Email
Delegate 1				
Delegate 2				
Delegate 3				
Delegate 4				
Delegate 5				

Authorised by Manager (only Authorised forms will be accepted)	Full Name	Position	Signature	Date
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Total Price per Delegate R8 999.00

Signing this document confirms that you accept the terms and conditions specified below and that your Organization will pay the full fee even if you cancel or fail to attend.

Method of Payment: Mark appropriately (x)

Bank Transfer	<input type="checkbox"/>
Cash Deposit	<input type="checkbox"/>
Cheque	<input type="checkbox"/>

Hatching Consulting Banking Details

Accounts Names: Hatching Consulting **Bank:** First National Bank

Account Number: 62865985934 **Branch Code:** 231433

Account Type: Business Cheque Account **Swift Code:** FIRZAJJ

Branch Name: Kempton Park

Special Dietary Requirements

Terms and Conditions

1. Registration form must be completed signed and E-mailed to info@hatching.co.za.
2. Payment must be received seven(7) working days before the training commences.
3. Delegates are responsible for making their own transportation and accommodation arrangements.
4. Fees include refreshments, luncheons, training material and incentives (if any).
5. While all due care shall be a rule to ensure the safety of delegates, HATCHING CONSULTING shall not be held liable for any injuries and/ or illness suffered during the training.
6. 50% of the fee is charged in case of cancellation. Cancellations are only accepted 14 days before commencement of training.
7. Alterations to advertised package: Hatching Consulting reserves the right alter this program without notice or penault and in such situations no refund or part-refunds or alternative offers will be made. Should Hatching Consulting Permanently cancel an event, for any reason whatsoever the client shall be provided a credit of the equivalent amount paid toward the canceled event.
8. The delegate may attend the same workshop in the event that they are not satisfied with the previous one attended without making any payment.