



RECEIVE, HANDLE, STORE HAZARDOUS CHEMICALS

SAQA US: 244073
NQF Level: 2, SAQA Credits: 5
SAIOSH CPD Credits: 5
Duration: 2 Day

Course description

The Receive, handle, store hazardous chemicals course aims to provide participants with the knowledge and skills necessary to understand, handle, and manage hazardous chemicals safely in the workplace.

Course outcome

This course aims to empower participants with the knowledge and practical skills required to handle hazardous chemicals safely and in compliance with South African regulations, ensuring a safer workplace environment for all employees and minimizing risks associated with hazardous substances.

Course content

MODULE 1: INTRODUCTION

MODULE 2: OCCUPATIONAL HEALTH AND SAFETY ACT

- 2.1 Definitions.
- 2.2 Sections of the Act.
- 2.3 Section 8 – General duties of the Employer.
- 2.4 Section 9 - Employers Duties to Other persons other than their employees.
- 2.5 What does it mean when the ACT refers to “Others”?
- 2.6 Section 13 – Duty to Inform.
- 2.7 Section 14 – Duties of Employees.
- 2.8 Section 15 – Misuse.
- 2.9 Section 24 – Reportable Incidents.
- 2.10 Section 25 – Reporting Occupational Illnesses to the Chief Inspector.
- 2.11 Section 38 - Offences & Penalties.

MODULE 3: REGULATIONS WHICH MAY APPLY

- 3.1 General Safety Regulations.
 - 3.1.1 GSR 2 – Personal Safety Equipment and Facilities.
 - 3.1.2 GSR 4 – Use and storage of flammable liquids.
 - 3.1.3 GSR 5 – Work in confined spaces.
 - 3.1.4 GSR 7 – Work in danger of engulfment.
- 3.2 Environmental Regulations for Workplaces.
 - 3.2.1 ER 5 – Ventilation.
- 3.3 Facilities Regulations.
 - 3.3.1` FR 4 – Changing Rooms.
 - 3.3.2 FR 5 – Dining Rooms.

MODULE 4: HAZARDOUS CHEMICAL AGENTS REGULATIONS

- 4.1 Definitions
- 4.2 HCS 4 – Duties of persons who may be exposed.
- 4.3 HCS 5 – Assessment of potential exposure.
- 4.4 HCS 6 – Air monitoring.
- 4.5 HCS 7 – Medical surveillance.
- 4.6 HCS 8 – Respirator zone.
- 4.7 HCS 9 – Records.
- 4.8 HCS 9A – Handling of HCS.
- 4.9 HCS 10 – Control of exposure.
- 4.10 HCS 11 – PPE and Facilities.
- 4.11 HCS 12 – Maintenance of controls.

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- 4.12 HCS 13 – Prohibitions.
- 4.13 HCS14 – Labelling, packaging, transportation and storage.
- 4.14 HCS 15 – Disposal of HCS.
- 4.15 Chemicals in the Air.
- 4.16 Chemical points of entry into the body .
- 4.17 Body organs affected by common chemicals.
- 4.18 In what ways do hazardous substances affect us?
- 4.19 Tips on Chemical Handling
- 4.20 Incompatible Materials
- 4.21 Understanding MSDS information.
- 4.22 What is a Material Safety Data Sheet (MSDS) or SDS?
- 4.23 Respiratory Protective Equipment (RPE) for Hazardous Chemical Substance.
- 4.24 Respiratory Protective Equipment (RPE) general use & limitation.

MODULE 5: ANNEXURE 1

- 5.1 Classification and labelling summary.
- 5.2 Class 1: Explosives.
- 5.3 Class 2: Gasses.
- 5.4 Class 3: Flammable Liquids.
- 5.5 Class 4: Flammable solids.
- 5.6 Class 5: Oxidizing agents and organic peroxides.
- 5.7 Class 6: Toxic and infectious substances.
- 5.8 Class 7: Radioactive substances.
- 5.9 Class 8: Corrosive substances.
- 5.10 Class 9: Miscellaneous

ANNEXURE 2 – NFPA 704

ANNEXURE 3 - MSDS

THEORETICAL ASSESSMENT

Formative Assessment (Open book test).

Summative Assessment (Closed book test).

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