



# CONTROL WORKPLACE HAZARDOUS SUBSTANCES

PROFESSIONAL ONLINE COURSE

SGTAEC25027



## About this course

Hazardous chemical substances are present in most workplaces, often in the form of cleaning chemicals, fuels, solvents, gases, pesticides, disinfectants, lubricants, process chemicals and by-products. When these substances are not properly identified, assessed and controlled, they pose serious risks to employee health, safety and the environment.

This Control of Workplace Hazardous Substances Training Programme is designed to equip employees, supervisors and safety personnel with the practical knowledge required to recognise hazardous substances, understand their risks and apply appropriate control measures in accordance with South African legislation.

The course focuses on real workplace conditions rather than theoretical chemistry. Learners are guided through the identification of hazardous substances, routes of exposure, health effects, legal duties, risk assessment principles, safe handling, storage, labelling, spill response and emergency preparedness. Emphasis is placed on understanding Safety Data Sheets (SDSs) and applying the hierarchy of control to reduce exposure.

By the end of this course, learners will understand how to work safely with or near hazardous substances, how to prevent exposure-related illnesses and incidents, and how to support employers in maintaining legal compliance and defensible occupational health practices.

## Accreditation & Alignment

This course supports legal and compliance requirements under:

- Occupational Health and Safety Act 85 of 1993
- Hazardous Chemical Agents Regulations (HCA Regulations)
- Globally Harmonised System (GHS) for classification and labelling
- General Safety Regulations
- Environmental protection and waste handling requirements
- ISO 45001 Occupational Health and Safety Management System principles

While not aligned to a specific SAQA unit standard, the content is delivered at a basic to intermediate applied safety competency level, exceeding general awareness training by covering:

- Practical identification and control of hazardous substances
- Legal duties of employers and employees

- Exposure prevention and health protection
- Safe systems of work and emergency response

## Who should do this course?

This course is ideal for:

- Employees working with or near hazardous substances
- Supervisors and team leaders
- Safety representatives
- HSEQ practitioners and coordinators
- Maintenance, workshop, production and cleaning staff
- Agricultural, food processing and abattoir workers
- Contractors exposed to hazardous chemicals on site

No prior chemical or safety qualification is required.

## What you will learn – Course Modules

### **Module 1: Introduction to Workplace Hazardous Substances**

What hazardous substances are, where they are found and why they pose significant workplace risk.

### **Module 2: Types of Hazardous Chemical Substances**

Solids, liquids, gases, vapours, fumes, dusts and mists, including common workplace examples.

### **Module 3: Routes of Exposure and Health Effects**

Inhalation, skin contact, ingestion and injection, and acute vs chronic health effects.

### **Module 4: Legal Framework and Responsibilities**

Employer and employee duties, legal requirements and consequences of non-compliance.

### **Module 5: Hazard Identification and Risk Assessment**

Identifying hazardous substances, evaluating exposure risks and understanding occupational exposure limits.

### **Module 6: Control Measures and the Hierarchy of Control**

Elimination, substitution, engineering controls, administrative controls and PPE.

### **Module 7: Safety Data Sheets and GHS Labelling**

Understanding SDSs, hazard symbols, signal words and precautionary statements.

### **Module 8: Safe Handling, Storage and Disposal**

Correct storage practices, segregation, compatibility and waste management.

### **Module 9: Spill Response and Emergency Procedures**

Responding to spills, leaks, exposure incidents and emergency reporting requirements.

## Module 10: Health Surveillance, Monitoring and Training

Medical surveillance, monitoring exposure and maintaining ongoing compliance.

### Mode of delivery & duration

This programme is delivered 100% online via the SAFCON Learning Management System.

- Self-paced learning
- Approximate duration: 4–6 hours
- Accessible on any device
- Suitable for induction and refresher training

### Course Assessment

Assessment is completed online and includes:

- Knowledge-based questions
- Scenario-based application questions

A minimum 70% pass mark is required to achieve competence.

Results are automatically recorded for compliance and audit purposes.

### Course Certificate

Learners who successfully complete the programme receive:

SAFCON Group Training Academy

Certificate of Completion: Control of Workplace Hazardous Substances

Your certificate includes:

- Digital PDF format
- Unique certificate number
- Suitable for audits, inspections, ISO systems and labour inspections

Recommended refresher: Every 12 months, or when substances or processes change.

### Why choose SAFCON Group Training Academy?

SAFCON Group Training Academy delivers professional, legally aligned safety training developed by experienced HSEQ practitioners with extensive exposure across industrial, agricultural, food processing and general industry environments.

This course is designed to ensure learners understand not only the presence of hazardous substances, but how exposure occurs, how to prevent harm and how to apply legally defensible

control measures. The focus is on practical application, workplace relevance and compliance with Department of Employment and Labour expectations.

Our self-paced online delivery model allows organisations to train employees efficiently while ensuring competence rather than attendance-based certification.

## How to Enrol

### ✓ **Instant Enrolment (Pay Once)**

Register securely via PayFast and receive immediate access.

### ✓ **3-Month Subscription (Pay in Instalments)**

Spread the cost over three monthly instalments while receiving full access immediately. Certificate issued after subscription completion.

### ✓ **Corporate / Group Bookings**

For bulk registrations, VAT invoices, purchase orders and reporting support, select Request Corporate Booking.

## What happens after enrolment?

You will receive:

- Welcome email
- LMS login details
- Immediate course access
- Ongoing learner support

Study at your own pace and download your certificate upon completion.

“All courses are tax-deductible as professional training.”



## Contract Information

Email: [academy@safcongroup.co.za](mailto:academy@safcongroup.co.za) or [accounts@safcongroup.co.za](mailto:accounts@safcongroup.co.za)

Webpage: [www.safcongroup.co.za](http://www.safcongroup.co.za)

WhatsApp: +27 87 265 7547