



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Hazardous Materials Handling

Custom Courses / Health, Safety and Environment (HSE)

Unit Standard AATICD-0324 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely handle, store, and dispose of hazardous materials in the workplace. It covers the identification of hazardous substances, understanding their properties, and implementing control measures to minimize risks to health, safety, and the environment.

Category	Custom Courses
Subfield	Health, Safety and Environment (HSE)
Unit Standard	AATICD-0324
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply the principles of hazardous materials classification and labeling to identify and categorize substances.
- Implement safe handling, storage, and disposal procedures for hazardous materials in accordance with regulatory requirements.
- Analyze Material Safety Data Sheets (MSDS) to determine hazards and appropriate control measures.
- Evaluate potential risks and select appropriate personal protective equipment (PPE) for specific hazardous material tasks.
- Demonstrate emergency response procedures for spills, leaks, and exposure incidents involving hazardous materials.
- Design a workplace hazard communication plan to ensure effective information dissemination and staff training.

WHO SHOULD ATTEND

- This course is designed for employees who work with or may come into contact with hazardous materials, including warehouse staff, maintenance personnel, laboratory technicians, and safety officers.
- It is also suitable for supervisors and managers responsible for overseeing hazardous material handling procedures.

COURSE OUTLINE

Day 1: Introduction to Hazardous Materials and Legal Framework

- What are hazardous materials? Classification systems (GHS, SANS 10234).
- Overview of South African legislation: OHS Act, NEM:AQA, SANS 10230, and SANS 10231.
- International frameworks: UN Recommendations on the Transport of Dangerous Goods.
- Duties of employers, employees, and safety officers.
- Hazard communication: Safety Data Sheets (SDS) and labelling requirements.
- Introduction to risk assessment principles.

Day 2: Hazard Identification and Risk Assessment

- Hazard identification methods: checklists, what-if, HAZOP.
- Risk assessment process: probability, severity, and risk rating.
- Practical exercise: risk assessment for a chemical storage area.
- Hierarchy of controls: elimination, substitution, engineering, administrative, PPE.
- Case studies of incidents and lessons learned.

Day 3: Safe Handling, Storage, and Transportation

- Handling techniques: manual handling, drum handling, and pumping.
- Storage requirements: ventilation, temperature, segregation, and containment.
- Compatibility and segregation based on UN class.
- Transportation regulations: SANS 10231 and vehicle requirements.
- Loading and unloading procedures, including securing loads.
- Emergency response during transport: spill containment.

Day 4: Emergency Preparedness and Response

- Elements of an emergency response plan.
- Spill response procedures: containment, control, and clean-up.
- Fire response: types of fires and extinguishing agents.
- Use of PPE: selection, inspection, and limitations.
- First aid and decontamination procedures.
- Tabletop exercise: responding to a chemical spill.

Day 5: Health Effects, Waste Management, and Practical Integration

- Routes of exposure and acute/chronic health effects.
- Occupational exposure limits and medical surveillance.
- Waste classification, handling, and disposal regulations.
- Pollution prevention and environmental protection.
- Developing a hazardous materials management plan.
- Review and final assessment.

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,700.00	R 17,700.00
1	In-House	R 23,100.00	R 23,100.00
1	On-Campus (Pretoria)	R 26,700.00	R 26,700.00

UPCOMING SESSIONS

Start	End	Method	Venue
05 Oct 2026	09 Oct 2026	On-Campus	Kigali, Rwanda
05 Oct 2026	09 Oct 2026	On-Campus	Bangkok, Thailand
05 Oct 2026	09 Oct 2026	On-Campus	Lusaka, Zambia
05 Oct 2026	09 Oct 2026	Online	—
05 Oct 2026	09 Oct 2026	On-Campus	Windhoek, Namibia
05 Oct 2026	09 Oct 2026	On-Campus	Nairobi, Kenya
05 Oct 2026	09 Oct 2026	On-Campus	Mbabane, Eswatini
12 Oct 2026	16 Oct 2026	On-Campus	London, UK

Contact us if no suitable date is listed — on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

- 1. Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0324) and click **Get A Quote / Apply**. Select your training method and number of delegates — your quotation is generated immediately and emailed to you with the course brochure attached.
- 2. Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za — our team will reply with a formal quotation.
- 3. Apply by phone or WhatsApp:** call +27 12 004 8389 or WhatsApp +27 65 077 6310 and we will prepare your quotation and reserve your seats.
- 4. Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically — the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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