



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

Recognise Group Use And Care For Materials Which Can Impact On Health And The Environment Training

Physical, Mathematical, Computer and Life Sciences / Environmental Sciences

Unit Standard 119306 · NQF Level 1 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, group, use, and care for materials that may impact health and the environment. Participants will learn to recognise hazardous substances, apply safe handling procedures, and implement proper disposal methods to minimise risks in the workplace.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Environmental Sciences
Unit Standard	119306
Accreditation	SAQA Accredited · NQF Level 1 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify and classify materials that can impact health and the environment according to relevant legislation and workplace procedures.
- Apply safe handling, storage, and transportation practices for hazardous materials to prevent exposure and environmental harm.
- Demonstrate correct use of personal protective equipment (PPE) and emergency response procedures for spills or accidents.
- Evaluate material safety data sheets (MSDS) and labels to determine risks and required precautions.
- Implement waste management and disposal methods that comply with environmental regulations.
- Monitor and report potential health and environmental hazards associated with material use.

COURSE OUTLINE

Day 1: Introduction to Hazardous Materials and Environmental Impact

- Overview of hazardous materials: definitions and classifications.
- Health and environmental impacts of common hazardous substances.
- South African legislation: OHS Act, NEM:AQA, and relevant regulations.
- Introduction to Material Safety Data Sheets (MSDS) and their components.
- Group responsibilities in recognising and reporting hazards.

Day 2: Recognition and Identification of Hazardous Materials

- Globally Harmonized System (GHS) pictograms and hazard statements.
- South African National Standards (SANS) for hazard labelling.
- Colour coding and signage for hazardous areas and storage.
- Recognising environmental contamination: spills, odours, discolouration.
- Practical exercise: identifying hazards from sample labels and scenarios.

Day 3: Safe Handling and Storage of Hazardous Materials

- Safe handling practices: lifting, pouring, and transferring.
- Storage requirements: ventilation, temperature, and containment.
- Segregation of incompatible materials (e.g., oxidisers vs flammables).
- Selection and use of appropriate PPE (gloves, goggles, respirators).
- Spill prevention measures and secondary containment.
- Practical exercise: simulating safe storage arrangement.

Day 4: Spill Response and Emergency Procedures

- Spill response hierarchy: minor vs major spills.
- Spill kit contents and usage: absorbents, neutralisers, PPE.
- Evacuation procedures and assembly points.
- First aid for exposure: inhalation, skin contact, ingestion.
- Incident reporting: forms, authorities, and timelines.
- Practical exercise: simulated spill response drill.

Day 5: Waste Management and Environmental Protection

- Hazardous waste classification: lists and characteristics.
- Waste hierarchy: reduce, reuse, recycle, recover, dispose.
- Disposal methods: incineration, landfill, treatment facilities.
- Environmental monitoring: air, water, soil sampling basics.
- Role of group members in waste segregation and disposal.
- Case study: environmental incident due to improper waste handling.

Day 6: Health Surveillance and Monitoring

- Acute vs chronic health effects of hazardous materials.
- Routes of entry: inhalation, absorption, ingestion, injection.
- Health surveillance: medical examinations, biological monitoring.
- Use of personal and area monitoring devices (e.g., dosimeters).
- Record keeping: exposure logs, medical records, MSDS updates.
- Practical exercise: interpreting monitoring data.

Day 7: Integrated Application and Assessment

- Integrated simulation: from recognition to disposal.
- Group project: creating a hazardous material management plan.
- Written assessment covering all unit standard outcomes.
- Practical assessment: handling, spill response, PPE use.
- Feedback session and identification of areas for improvement.
- Course evaluation and certification information.

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 1**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	11 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	13 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	14 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	17 Aug 2026	On-Campus	Mauritius
10 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa

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 119306) 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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