



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

Medical Waste Disposal

Custom Courses / Health, Safety and Environment (HSE)

Unit Standard AATICD-0056 · 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 medical waste in compliance with South African regulations. It covers classification, segregation, treatment, and disposal methods to minimize health and environmental risks.

Category	Custom Courses
Subfield	Health, Safety and Environment (HSE)
Unit Standard	AATICD-0056
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 relevant national and provincial legislation, regulations, and standards governing medical waste management.
- Classify and segregate different types of medical waste according to prescribed categories.
- Implement safe handling, packaging, and labeling procedures for medical waste.
- Demonstrate correct use of personal protective equipment (PPE) and infection control measures.
- Evaluate treatment and disposal methods for various medical waste streams.
- Maintain records and documentation in accordance with legal requirements.

WHO SHOULD ATTEND

- Healthcare workers, waste management personnel, and environmental health practitioners involved in the generation, handling, or disposal of medical waste in clinical or laboratory settings.

COURSE OUTLINE

Day 1: Introduction to Medical Waste and Regulatory Framework

- Types of medical waste: infectious, pathological, sharps, pharmaceutical, chemical, radioactive
- Sources of medical waste: hospitals, clinics, laboratories, veterinary practices
- Risks: infection, injury, environmental pollution
- Legal framework: National Environmental Management Act, Health Act, SANS 10248
- Waste management hierarchy
- Overview of waste management plan requirements

Day 2: Segregation, Packaging, and Labeling

- Segregation at source: color-coded bins and bags
- Container specifications for sharps, fluids, and solid waste
- Labeling: biohazard symbols, waste category, date, source
- Handling procedures: PPE, no manual compaction
- Spill response and decontamination
- Waste manifest and chain of custody
- Auditing segregation compliance

Day 3: On-Site Storage, Collection, and Transport

- Storage area requirements: ventilation, security, signage
- Temperature control for infectious waste
- Internal collection: routes, carts, schedules
- Transport containers: rigid, leak-proof, labeled
- Vehicle requirements: enclosed, washable, placarded
- Consignment notes and waste tracking
- Emergency procedures during transport

Day 4: Treatment and Disposal Technologies

- Autoclave: temperature, pressure, cycle time
- Incineration: types, combustion efficiency, ash disposal
- Chemical disinfection: contact time, concentration
- Alternative technologies: microwave, plasma, irradiation
- Validation and monitoring: spore tests, temperature logs
- Environmental controls: air emission standards
- Disposal of treated waste: landfill requirements

Day 5: Waste Management Planning, Auditing, and Continuous Improvement

- Components of a waste management plan: policy, roles, procedures
- Risk assessment and contingency planning
- Audit checklists and reporting
- Corrective and preventive actions (CAPA)
- Training programs: induction, refresher, competency
- Waste minimization strategies: inventory control, reusable alternatives
- Record keeping and documentation review
- Case studies of best practices

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 24,200.00	R 24,200.00
1	In-House	R 31,400.00	R 31,400.00
1	On-Campus (Pretoria)	R 36,200.00	R 36,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	21 Aug 2026	On-Campus	Shenzhen, China
24 Aug 2026	28 Aug 2026	On-Campus	Bangkok, Thailand
24 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
31 Aug 2026	04 Sep 2026	On-Campus	Lusaka, Zambia
31 Aug 2026	04 Sep 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-0056) 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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