



Accredited Africa Training Institute for Capacity Development

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

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Sanitation And Wastewater Treatment Fundamentals Training

Physical Planning and Construction / Physical Planning, Design and Management

Unit Standard 113935 · NQF Level 1 · 4 Credits · 1 Day

COURSE OVERVIEW

This course provides learners with the fundamental knowledge and practical skills required to manage sanitation and wastewater treatment processes in compliance with South African regulations. It covers key principles of wastewater treatment, hygiene management, and environmental protection to ensure safe and effective sanitation practices.

Category	Physical Planning and Construction
Subfield	Physical Planning, Design and Management
Unit Standard	113935
Accreditation	SAQA Accredited · NQF Level 1 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate understanding of the principles of sanitation and wastewater treatment.
- Apply relevant legislation and standards governing wastewater treatment and sanitation.
- Analyze wastewater characteristics to determine appropriate treatment methods.
- Implement basic wastewater treatment processes including physical, chemical, and biological treatment.
- Evaluate the effectiveness of treatment processes and identify corrective actions.
- Demonstrate proper safety and hygiene practices in wastewater handling and treatment.

WHO SHOULD ATTEND

- This course is designed for water treatment plant operators, environmental health practitioners, municipal workers, and individuals seeking entry-level or upskilling opportunities in the sanitation and wastewater treatment sector.

COURSE OUTLINE

Day 1: Fundamentals of Sanitation and Wastewater Treatment

- Overview of sanitation and wastewater management
- Sources and characteristics of wastewater
- Public health and environmental impacts of untreated wastewater
- Introduction to wastewater treatment processes (primary, secondary, tertiary)
- Basic system components: screens, grit chambers, sedimentation tanks, biological reactors
- Sludge handling and disposal methods
- South African water quality standards and regulations (e.g., SANS 241, National Water Act)
- Safety considerations in wastewater operations

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 **4 NQF credits** at **NQF Level 1**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	10 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Mauritius
11 Aug 2026	11 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
13 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
17 Aug 2026	17 Aug 2026	On-Campus	Shenzhen, China
18 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE

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 113935) 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.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za