



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

Water Meter Reading and Fault Identification

Physical Planning and Construction / Civil Engineering Construction

Unit Standard 254057 · NQF Level 2 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to accurately read various types of water meters, interpret meter readings, and identify common faults. Participants will gain the competence to perform basic meter inspections, record data correctly, and report faults in compliance with municipal and industry standards.

Category	Physical Planning and Construction
Subfield	Civil Engineering Construction
Unit Standard	254057
Accreditation	SAQA Accredited · NQF Level 2 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate knowledge of different types of water meters and their operating principles.
- Apply correct techniques to read analogue, digital, and smart water meters.
- Identify and classify common water meter faults such as leaks, blockages, and mechanical failures.
- Record meter readings accurately using standard forms and digital devices.
- Report meter faults and anomalies in accordance with organisational procedures.
- Interpret meter data to detect irregularities and potential water losses.

WHO SHOULD ATTEND

- This course is designed for municipal water meter readers, field technicians, maintenance staff, and anyone responsible for water meter reading, data collection, or fault identification in water distribution systems.

COURSE OUTLINE

Day 1: Water Meter Reading and Fault Identification

- Overview of water metering systems and unit standards
- Types of water meters: mechanical, electronic, smart meters
- Reading techniques: dial, digital, and remote reading
- Common faults: leaks, blockages, meter stoppage, tampering
- Fault identification methods: visual inspection, flow tests, data analysis
- Safety procedures and personal protective equipment (PPE)
- Reporting and documentation requirements
- Practical exercise: simulated meter reading and fault diagnosis

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 **3 NQF credits** at **NQF Level 2**.

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
03 Aug 2026	03 Aug 2026	On-Campus	Johannesburg, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Mauritius
05 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	10 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Mauritius

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 254057) 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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