



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 Supply System Minor Maintenance Procedures Training

Physical Planning and Construction / Physical Planning, Design and Management

Unit Standard 113938 · NQF Level 1 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to perform minor maintenance procedures on water supply systems in a municipal or industrial context. It covers routine inspections, basic repairs, and preventive maintenance tasks to ensure system reliability and compliance with South African water regulations.

Category	Physical Planning and Construction
Subfield	Physical Planning, Design and Management
Unit Standard	113938
Accreditation	SAQA Accredited · NQF Level 1 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify common faults and wear in water supply system components such as pipes, valves, and pumps.
- Apply safe work practices and use appropriate personal protective equipment during maintenance procedures.
- Demonstrate the correct use of tools and equipment for minor repairs and replacements on water supply systems.
- Implement preventive maintenance schedules to extend the lifespan of water supply infrastructure.
- Evaluate water quality and pressure issues to determine the need for corrective action.
- Document maintenance activities and report findings according to organisational procedures.

WHO SHOULD ATTEND

- This course is designed for maintenance technicians, plumbers, and water system operators who are responsible for the upkeep of water supply infrastructure.
- It is also suitable for supervisors overseeing minor maintenance activities in water utilities or facilities management.

COURSE OUTLINE

Day 1: Fundamentals of Water Supply System Minor Maintenance

- Overview of water supply system components (pipes, valves, taps, fittings)
- Health, safety, and environmental considerations (lock-out/tag-out, PPE)
- Tools and equipment for minor maintenance (wrenches, cutters, sealants)
- Common faults: leaks, drips, corrosion, blockages
- Step-by-step procedures for replacing washers, gland packing, and valve seats
- Pipe repair techniques: cutting, coupling, and solvent welding
- System isolation, draining, and re-pressurisation
- Documentation and reporting requirements

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 **2 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
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
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

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 113938) 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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