



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

Install Armco Pipes Training

Physical Planning and Construction / Building Construction

Unit Standard 119060 · NQF Level 3 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the competencies required to install Armco pipes in civil engineering and construction contexts. It covers planning, site preparation, handling, jointing, and quality assurance in accordance with industry standards. Successful learners will be able to safely and effectively install Armco pipes for drainage, culverts, and stormwater systems.

Category	Physical Planning and Construction
Subfield	Building Construction
Unit Standard	119060
Accreditation	SAQA Accredited · NQF Level 3 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate knowledge of Armco pipe types, specifications, and applications in civil engineering.
- Plan and prepare for the installation of Armco pipes, including site assessment and material handling.
- Apply safe work practices and comply with relevant health and safety regulations during installation.
- Execute the installation of Armco pipes, including jointing, alignment, and bedding, according to specifications.
- Inspect and test installed Armco pipes to ensure compliance with quality standards and project requirements.
- Complete installation documentation and report on work completed.

WHO SHOULD ATTEND

- This course is designed for construction workers, pipe layers, site supervisors, and civil engineering technicians involved in the installation of drainage and stormwater systems.
- It is also suitable for learners seeking formal recognition of their skills in pipeline installation.

COURSE OUTLINE

Day 1: Fundamentals of Armco Pipe Installation

- Introduction to Armco pipes: types, sizes, and uses
- OHS Act and construction site safety requirements
- Personal protective equipment (PPE) and safe lifting practices
- Site preparation: surveying, marking, and excavation
- Trench safety: shoring, sloping, and barricading
- Pipe handling: unloading, storage, and inspection
- Jointing methods: couplings, gaskets, and bolting
- Basic alignment and gradient checking

Day 2: Advanced Installation and Quality Assurance

- Advanced jointing: welding, flanges, and adapters
- Installation of fittings: bends, tees, and reducers
- Backfilling: material selection, layering, and compaction
- Field testing: pressure testing, leak testing, and deflection testing
- Quality control: checking alignment, gradient, and cover depth
- As-built drawings and inspection reports
- Troubleshooting common installation issues
- Environmental considerations and site restoration

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 **5 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
04 Aug 2026	05 Aug 2026	On-Campus	Pretoria, South Africa
04 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	05 Aug 2026	On-Campus	Johannesburg, South Africa
06 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	07 Aug 2026	On-Campus	Mauritius
06 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	11 Aug 2026	On-Campus	Mauritius
10 Aug 2026	11 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 119060) 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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