



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

Demonstrate An Understanding Of The Permanent Way Context And Related Operations Training

Physical Planning and Construction / Civil Engineering Construction

Unit Standard 120028 · NQF Level 2 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with a comprehensive understanding of the permanent way context and related operations within the railway environment. It covers key principles of track infrastructure, maintenance activities, and safety protocols essential for efficient and safe rail operations. By the end of the course, participants will be able to apply best practices in permanent way management and contribute to operational reliability.

Category	Physical Planning and Construction
Subfield	Civil Engineering Construction
Unit Standard	120028
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 an understanding of the permanent way context, including track components and their functions.
- Apply safety procedures and operational protocols relevant to permanent way activities.
- Analyze track defects and determine appropriate maintenance actions.
- Evaluate the impact of environmental factors on track stability and performance.
- Implement basic inspection techniques to ensure compliance with industry standards.
- Demonstrate effective communication and teamwork in permanent way operations.

WHO SHOULD ATTEND

- This course is designed for railway maintenance personnel, track workers, supervisors, and operations staff who are involved in the construction, inspection, or maintenance of permanent way infrastructure.
- It is also suitable for new entrants seeking foundational knowledge in railway track operations.

COURSE OUTLINE

Day 1: Introduction to Permanent Way Context and Operations

- Overview of railway infrastructure and the permanent way system
- Components: rails, sleepers, ballast, fastenings, and subgrade
- Functions of permanent way: load distribution, guidance, and stability
- Basic track geometry: gauge, alignment, and level
- Safety principles: working on or near tracks, lookout systems
- Regulatory framework: relevant South African standards and SANS codes
- Roles and responsibilities of permanent way personnel
- Introduction to track inspection and maintenance basics

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
04 Aug 2026	04 Aug 2026	On-Campus	Pretoria, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	05 Aug 2026	On-Campus	Johannesburg, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Mauritius
07 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	12 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 120028) 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