



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

Install A Set Of Rails In An Underground Workplace Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 119108 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills required to safely and effectively install a set of rails in an underground workplace. It covers rail types, installation procedures, alignment techniques, and adherence to safety regulations. By the end, participants will be able to contribute to efficient and safe underground rail infrastructure.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	119108
Accreditation	SAQA Accredited · NQF Level 2 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant safety regulations and procedures during rail installation in an underground workplace.
- Demonstrate correct handling, positioning, and securing of rail components according to specifications.
- Analyze alignment and level requirements to ensure proper rail installation.
- Evaluate the quality of installation against industry standards and workplace procedures.
- Implement corrective actions when rail installation deviates from required tolerances.
- Document installation activities and report any safety hazards or defects.

WHO SHOULD ATTEND

- This course is designed for mining personnel, track layers, and maintenance teams working in underground environments who are responsible for installing or maintaining rail systems.

COURSE OUTLINE

Day 1: Fundamentals of Rail Installation in Underground Workplaces

- Overview of underground rail systems: functions, types, and applications.
- Safety legislation: Mine Health and Safety Act, site permits, and hazard identification.
- Rail components: rails, sleepers, fishplates, bolts, and clips.
- Tools and equipment: rail benders, spanners, levels, and personal protective gear.
- Worksite preparation: clearing debris, marking alignment, and checking gradients.
- Rail laying procedure: positioning sleepers, placing rails, and securing joints.
- Basic alignment: using string lines and spirit levels for straight and level tracks.
- Quality checks: gauge, cross-level, and fastening torque verification.

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 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 119108) 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