



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 A Rail Turn Out In An Underground Workplace Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 119110 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to install a rail turn out in an underground workplace, ensuring compliance with safety regulations and industry standards. Participants will understand the principles of rail track layout, safety procedures, and quality assurance requirements specific to underground mining environments.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	119110
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

- Demonstrate the correct procedures for preparing the work area and ensuring safety during rail turn out installation.
- Apply relevant specifications and standards to install a rail turn out in an underground workplace.
- Evaluate the alignment and gauge of the installed rail turn out to ensure compliance with operational requirements.
- Implement quality control measures and perform post-installation checks to verify integrity and safety.
- Analyze potential hazards and apply risk mitigation strategies during the installation process.

WHO SHOULD ATTEND

- This course is designed for track layers, mining artisans, and supervisors responsible for installing and maintaining rail turn outs in underground mining operations.

COURSE OUTLINE

Day 1: Installing a Rail Turn Out in an Underground Workplace

- Overview of underground rail systems and turn out types.
- Safety protocols, risk assessment, and personal protective equipment (PPE).
- Reading and interpreting turn out installation drawings and specifications.
- Site preparation: excavation, leveling, and drainage.
- Handling, cutting, and drilling rails and components.
- Assembling and securing the turn out: sleepers, plates, rails, and fastenings.
- Checking gauge, alignment, and clearance using measuring tools.
- Final inspection, testing, and documentation.

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
03 Aug 2026	03 Aug 2026	On-Campus	Mauritius
04 Aug 2026	04 Aug 2026	On-Campus	Cape Town, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	06 Aug 2026	On-Campus	Pretoria, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
07 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Cape Town, South Africa
11 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 119110) 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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