



## 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](mailto:apply@aaticd.co.za) · Website: [www.aaticd.co.za](http://www.aaticd.co.za)

### COURSE BROCHURE

# Electrical Earthing Equipment Handling And Maintenance Training

Physical Planning and Construction / Electrical Infrastructure Construction

Unit Standard 113868 · NQF Level 2 · 2 Credits · 1 Day

## COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely handle, inspect, and maintain electrical earthing equipment in accordance with South African regulations and industry best practices. Participants will understand the principles of earthing systems, perform routine maintenance, and apply safety procedures to prevent electrical hazards. The training ensures compliance with the Occupational Health and Safety Act and relevant SANS standards.

Category	Physical Planning and Construction
Subfield	Electrical Infrastructure Construction
Unit Standard	113868
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 ability to identify and select appropriate earthing equipment for specific applications.
- Apply correct procedures for handling, storing, and transporting earthing equipment safely.
- Inspect earthing systems and components to assess their condition and identify defects.
- Perform routine maintenance tasks on earthing equipment according to manufacturer specifications.
- Analyze test results from earthing resistance measurements to determine system effectiveness.
- Implement safety protocols and emergency procedures when working with earthing equipment.

## WHO SHOULD ATTEND

- This course is designed for electricians, maintenance technicians, and safety officers responsible for the installation, inspection, and maintenance of earthing systems in industrial, commercial, and residential settings.

## COURSE OUTLINE

### Day 1: Electrical Earthing Equipment Handling and Maintenance

- Introduction to electrical earthing: purpose, types (system, equipment, lightning)
- Earthing equipment overview: rods, plates, conductors, clamps, testers
- Safety precautions and PPE for earthing work
- Handling and storage of earthing components
- Inspection and testing procedures (visual, continuity, resistance)
- Common faults and maintenance techniques
- Regulatory compliance: SANS 10142-1, OHS Act
- Documentation and reporting

## 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
22 Jun 2026	22 Jun 2026	On-Campus	Mombasa, Kenya
22 Jun 2026	22 Jun 2026	On-Campus	Windhoek, Namibia
23 Jun 2026	23 Jun 2026	In-House	–
24 Jun 2026	24 Jun 2026	On-Campus	Maseru, Lesotho
25 Jun 2026	25 Jun 2026	On-Campus	Nairobi, Kenya
26 Jun 2026	26 Jun 2026	On-Campus	Mbabane, Eswatini
29 Jun 2026	29 Jun 2026	On-Campus	Luanda, Angola
30 Jun 2026	30 Jun 2026	On-Campus	Kigali, Rwanda

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](http://www.aaticd.co.za), open the page for this course (Unit Standard 113868) 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](mailto: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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