



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@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Inspect Manufacture Remove Install Or Replace And Adjust And Or Position Droppers On Overhead Traction Equipment Ohte Training

Physical Planning and Construction / Civil Engineering Construction

Unit Standard 120217 · NQF Level 3 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the competencies to inspect, manufacture, remove, install, replace, adjust, and position droppers on overhead traction equipment (Ohte). It covers the critical safety and technical procedures required to ensure reliable and safe operation of overhead traction systems in the rail environment.

Category	Physical Planning and Construction
Subfield	Civil Engineering Construction
Unit Standard	120217
Accreditation	SAQA Accredited · NQF Level 3 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Inspect droppers on overhead traction equipment to identify defects and compliance with specifications.
- Manufacture droppers according to approved drawings and material specifications.
- Remove, install, and replace droppers safely using correct tools and procedures.
- Adjust and position droppers to achieve required tension and alignment.
- Demonstrate adherence to safety regulations and industry standards during all operations.

WHO SHOULD ATTEND

- This course is intended for electrical and traction technicians, artisans, and maintainers working on overhead traction equipment in the rail and related industries.

COURSE OUTLINE

Day 1: Inspect, Manufacture, Remove, Install, Replace, Adjust, and Position Droppers on Overhead Traction Equipment (OHTE)

- Overview of overhead traction equipment and droppers
- Dropper types, materials, and components
- Safe work practices and personal protective equipment (PPE)
- Inspection techniques for droppers (visual, measurement, wear criteria)
- Manufacture of droppers (cutting, forming, assembly)
- Removal and installation procedures for droppers
- Adjustment and positioning of droppers to maintain correct contact wire height and stagger
- Recording and reporting requirements

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 **4 NQF credits** at **NQF Level 3**.

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	Pretoria, South Africa
03 Aug 2026	03 Aug 2026	On-Campus	Lagos, Nigeria
04 Aug 2026	04 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Mauritius
06 Aug 2026	06 Aug 2026	On-Campus	Cape Town, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	10 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	11 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 120217) 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