



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

Rope Shovel Dipper Handle Replacement And Dipper Installation Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 115766 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the technical knowledge and practical skills required to safely and efficiently replace a rope shovel dipper handle and install a dipper. It focuses on adherence to manufacturer specifications, safety protocols, and industry best practices to ensure equipment reliability and operational uptime in mining environments.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	115766
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 safe work procedures and lock-out/tag-out protocols during dipper handle replacement and dipper installation.
- Demonstrate correct use of lifting equipment, rigging, and alignment tools to remove and install dipper handles.
- Implement manufacturer specifications for torque settings, clearances, and component compatibility during assembly.
- Analyze wear patterns on dipper handle and dipper components to determine replacement criteria.
- Evaluate the integrity of hydraulic, lubrication, and electrical connections after installation.
- Document replacement and installation activities in accordance with company maintenance records.

WHO SHOULD ATTEND

- This training is intended for experienced mining equipment operators, maintenance technicians, and artisans who are responsible for the replacement and installation of dipper handles and dippers on rope shovels.

COURSE OUTLINE

Day 1: Rope Shovel Dipper Handle Replacement And Dipper Installation

- Overview of rope shovel dipper handle and dipper components
- Safety protocols: hazard identification, LOTO, and PPE requirements
- Tools and equipment required for dipper handle replacement
- Step-by-step removal of the dipper handle and disconnection of hydraulic/electrical lines
- Preparation and alignment for new dipper installation
- Torque specifications and bolt tightening sequences
- Post-installation inspection: clearance checks, lubrication, and functional testing
- Documentation and reporting procedures

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	Johannesburg, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Mauritius
05 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	10 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	10 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 115766) 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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