



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

Drill Head Cutter Removal And Installation Procedures Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110152 · NQF Level 2 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the skills and knowledge required to safely and effectively remove and install drill head cutters in a mining or industrial environment. It covers correct procedures, tool selection, and safety protocols to ensure operational efficiency and compliance with South African mining regulations.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110152
Accreditation	SAQA Accredited · NQF Level 2 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct sequence for removing a drill head cutter using appropriate tools and safety procedures.
- Apply inspection techniques to assess cutter condition and identify wear or damage before installation.
- Implement proper installation procedures to ensure cutter alignment and secure attachment.
- Evaluate workplace hazards and apply risk control measures during cutter removal and installation.
- Demonstrate compliance with relevant health, safety, and environmental standards during the process.

WHO SHOULD ATTEND

- This training is designed for drill operators, mining artisans, and maintenance personnel who are responsible for changing or servicing drill head cutters in surface or underground operations.

COURSE OUTLINE

Day 1: Fundamentals of Drill Head Cutter Systems and Removal Procedures

- Overview of drill head cutter types and applications.
- Safety protocols: lockout/tagout, PPE, and hazard identification.
- Tools and equipment: wrenches, pullers, hydraulic jacks, and lifting gear.
- Inspection of cutter condition prior to removal.
- Step-by-step removal procedure: disconnecting power, loosening fasteners, and extracting the cutter.
- Handling and storage of removed cutters.
- Common challenges: seized components, damaged threads, and alignment issues.
- Documentation and reporting requirements.

Day 2: Installation Procedures, Alignment, and Practical Integration

- Pre-installation inspection of cutter and mounting surfaces.
- Lubrication and preparation of components.
- Step-by-step installation: positioning, securing fasteners, and torque tightening.
- Alignment techniques: use of dial indicators and laser tools.
- Post-installation checks: rotation, clearance, and power-on testing.
- Integration with maintenance planning and record-keeping.
- Troubleshooting common installation problems.
- Review of safety and best practices.

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 **5 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	04 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	04 Aug 2026	On-Campus	Cape Town, South Africa
03 Aug 2026	04 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	06 Aug 2026	On-Campus	Mauritius
05 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
11 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa

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 110152) 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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