



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

Underground Coal Mine Roof And Side Wall Sounding Barring Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110198 · NQF Level 2 · 1 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely and effectively sound and bar the roof and side walls of underground coal mines to prevent rock falls and ensure a safe working environment. It covers the correct use of sounding bars, identification of hazardous ground conditions, and appropriate barring techniques to dislodge loose material.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110198
Accreditation	SAQA Accredited · NQF Level 2 · 1 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct procedure for sounding the roof and side walls using a sounding bar to identify loose or hazardous ground.
- Apply appropriate barring techniques to safely dislodge loose rock and debris from the roof and side walls.
- Evaluate ground conditions by interpreting sound and visual cues during sounding operations.
- Implement safety protocols, including the use of personal protective equipment and communication with team members, during barring operations.
- Comply with relevant mine health and safety regulations and procedures for roof and side wall control.
- Analyze the results of sounding and barring to determine the need for additional support measures.

WHO SHOULD ATTEND

- Underground coal mine workers, including miners, shift supervisors, and safety representatives, who are responsible for roof and side wall examination and maintenance.

COURSE OUTLINE

Day 1: Roof and Side Wall Sounding and Barring

- Introduction to roof and side wall stability in coal mines
- Types of roof and side wall failures (e.g., falls, slabbing)
- Principles of sounding: visual inspection and percussion methods
- Use of sounding tools: picks, bars, and hammers
- Barring techniques: proper stance, grip, and striking methods
- Safety procedures: personal protective equipment, area isolation, and communication
- Legal requirements and standards (Mine Health and Safety Act, regulations)
- Practical demonstration and supervised practice

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 **1 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
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	Durban, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Mauritius
12 Aug 2026	12 Aug 2026	On-Campus	Cape Town, 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 110198) 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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