



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

Shaft Signalling Arrangements and Safety Devices

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 256304 · NQF Level 3 · 3 Credits · 1 Day

COURSE OVERVIEW

This course provides learners with a comprehensive understanding of signalling arrangements and safety devices used in shaft operations within the mining and industrial sectors. It covers the functions, operation, and maintenance of these systems to ensure safe and efficient vertical transport. Successful completion enables learners to contribute to a safer working environment and comply with relevant safety regulations.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	256304
Accreditation	SAQA Accredited · NQF Level 3 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Explain the fundamental principles and functions of shaft signalling arrangements and safety devices.
- Identify and describe the various types of signalling systems and safety devices used in shaft operations.
- Demonstrate the correct procedures for operating and testing signalling and safety equipment.
- Analyze common faults and malfunctions in signalling systems and apply troubleshooting techniques.
- Evaluate the importance of compliance with safety standards and regulations related to shaft signalling.
- Apply knowledge to ensure safe and efficient shaft operations through proper use of signalling and safety devices.

WHO SHOULD ATTEND

- This course is designed for mine workers, shaft operators, maintenance personnel, and safety officers who are involved in or responsible for shaft signalling and safety systems.
- It is also suitable for supervisors and managers seeking to deepen their knowledge of shaft safety protocols.

COURSE OUTLINE

Day 1: Shaft Signalling Arrangements and Safety Devices

- Overview of shaft signalling systems: purpose, components, and communication protocols.
- Types of signalling devices: bells, lights, telephones, and electronic systems.
- Safety devices: overtravel switches, emergency stop systems, cage catch gear, and depth indicators.
- Testing and inspection procedures for signalling and safety equipment.
- Regulatory framework: Mine Health and Safety Act, SANS standards, and SAQA requirements.
- Fault-finding and troubleshooting common signalling issues.
- Role of the banksman and onsetter in shaft operations.
- Emergency procedures and response to signalling failures.

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 **3 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
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
11 Aug 2026	11 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
13 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE

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 256304) 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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