



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 Communication System Detailed Inspection Procedures Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110439 · NQF Level 2 · 1 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills to conduct detailed inspections of shaft communication systems in mining environments. It covers inspection procedures, fault identification, and reporting to ensure compliance with safety regulations. By the end, learners will be able to perform systematic inspections and maintain communication system integrity.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110439
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

- Apply inspection procedures to assess shaft communication system components.
- Analyze inspection data to identify faults and deviations from standards.
- Evaluate the operational status of communication equipment against safety requirements.
- Demonstrate correct use of testing instruments and diagnostic tools.
- Implement corrective actions based on inspection findings.
- Document inspection results and compile detailed reports.

WHO SHOULD ATTEND

- This course is intended for mining technicians, electrical engineers, and safety inspectors responsible for maintaining shaft communication systems.
- It is also suitable for supervisors overseeing underground communication infrastructure.

COURSE OUTLINE

Day 1: Shaft Communication System Inspection Fundamentals

- Overview of shaft communication systems: purpose, types (telephone, intercom, emergency), and key components
- Regulatory framework: MHSA requirements, SANS 10366, and mine-specific protocols
- Pre-inspection safety: lock-out/tag-out, confined space entry, and working at heights
- Inspection procedures: visual checks, continuity tests, signal quality assessment, and emergency call testing
- Common faults: cable damage, corrosion, loose connections, power supply issues
- Documentation: completing inspection logs, defect reporting, and corrective action tracking

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
03 Aug 2026	03 Aug 2026	On-Campus	Mauritius
04 Aug 2026	04 Aug 2026	On-Campus	Cape Town, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	06 Aug 2026	On-Campus	Pretoria, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
07 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Dubai, 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 110439) 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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