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

# Support An Underground Working Place By Means Of A Thin Sprayed Lining Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 119095 · NQF Level 2 · 4 Credits · 1 Day

## COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely support underground working places using thin sprayed lining (TSL) techniques. It covers the principles of TSL application, quality control, and safety protocols to ensure compliance with mining regulations. Learners will be able to contribute to stable and safe underground environments.

| | |
|---|---|
| Category | Manufacturing, Engineering and Technology |
| Subfield | Fabrication and Extraction |
| Unit Standard | 119095 |
| Accreditation | SAQA Accredited · NQF Level 2 · 4 Credits |
| Duration | 1 day |
| Training Method | Online, On-Campus, In-House |
| Certificate | Issued via AATICD LMS — verifiable online |

## LEARNING OUTCOMES

- Demonstrate understanding of thin sprayed lining principles and its role in ground support.
- Apply correct procedures for preparing the underground working place for TSL application.
- Implement quality control measures to ensure TSL integrity and performance.
- Analyze potential hazards associated with TSL application and implement control measures.
- Evaluate the effectiveness of TSL support and recommend corrective actions.
- Demonstrate compliance with relevant health, safety, and environmental regulations.

## WHO SHOULD ATTEND

- This course is designed for underground mining personnel, including miners, shift supervisors, and support staff responsible for ground control.
- It is also suitable for safety officers and contractors working in underground operations.

## COURSE OUTLINE

Day 1: **Fundamentals of Thin Sprayed Lining (TSL) Support**

- Introduction to TSL: definition, benefits, and applications in underground mining.
- TSL materials: types, properties, and storage requirements.
- Equipment setup: mixers, pumps, nozzles, and personal protective equipment (PPE).
- Pre-application preparation: surface cleaning, scaling, and mesh installation.
- Application techniques: spraying methods, thickness control, and coverage.
- Quality control: testing adhesion, thickness, and curing time.
- Safety protocols: ventilation, dust control, and emergency procedures.
- Common defects: delamination, sagging, and cracking – causes and remedies.

## 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 **4 NQF credits** at **NQF Level 2**.

## PRICING (PER DELEGATE, EX-VAT)

| Delegates | Training Method | Price per Delegate | Total |
|---|---|---|---|
| 1 | Online | R 9,400.00 | **R 9,400.00** |
| 1 | In-House | R 12,700.00 | **R 12,700.00** |
| 1 | On-Campus (Pretoria) | R 14,100.00 | **R 14,100.00** |

## UPCOMING SESSIONS

| Start | End | Method | Venue |
|---|---|---|---|
| 03 Dec 2026 | 03 Dec 2026 | On-Campus | Shenzhen, China |
| 04 Dec 2026 | 04 Dec 2026 | On-Campus | Mauritius |
| 07 Dec 2026 | 07 Dec 2026 | On-Campus | Abu Dhabi, UAE |
| 07 Dec 2026 | 07 Dec 2026 | On-Campus | Bangkok, Thailand |
| 08 Dec 2026 | 08 Dec 2026 | Online | — |
| 08 Dec 2026 | 08 Dec 2026 | On-Campus | Nairobi, Kenya |
| 09 Dec 2026 | 09 Dec 2026 | On-Campus | Johannesburg, South Africa |
| 10 Dec 2026 | 10 Dec 2026 | On-Campus | Blantyre, Malawi |

Contact us if no suitable date is listed — on-demand sessions can be arranged for groups.

## HOW TO GET A QUOTATION OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 119095) and click **Get A Quotation**. 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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