



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

Erect Alter Reposition And Dismantle Access Scaffolding Training

Physical Planning and Construction / Building Construction

Unit Standard 119042 · NQF Level 2 · 13 Credits · 10 Days

COURSE OVERVIEW

This course equips learners with the competencies to safely erect, alter, reposition, and dismantle access scaffolding in compliance with South African health and safety regulations. It focuses on ensuring structural integrity and adherence to legal requirements.

Category	Physical Planning and Construction
Subfield	Building Construction
Unit Standard	119042
Accreditation	SAQA Accredited · NQF Level 2 · 13 Credits
Duration	10 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant safety regulations and industry standards to scaffolding operations.
- Demonstrate correct procedures for erecting, altering, repositioning, and dismantling access scaffolding.
- Inspect scaffolding components and structures for compliance and safety.
- Evaluate load capacities and stability requirements for different scaffolding configurations.
- Implement fall protection and risk control measures during scaffolding activities.
- Document scaffolding inspections and handover procedures as per legal requirements.

WHO SHOULD ATTEND

- This course is designed for construction workers, scaffolders, and supervisors who are responsible for scaffolding operations on construction or industrial sites.

COURSE OUTLINE

Day 1: Introduction to Access Scaffolding and Safety

- Overview of Unit Standard 119042 and course outcomes.
- Types of scaffolding: independent, putlog, birdcage, mobile, tower.
- Relevant South African legislation: OHSA, SANS 10085-1, SANS 10085-2.
- Duty of care: employer, employee, and contractor responsibilities.
- Personal protective equipment (PPE) requirements.
- Scaffolding terminology: standards, ledgers, transoms, braces, ties.
- Introduction to scaffold tags and inspection procedures.
- Case studies of scaffolding incidents and lessons learned.

Day 2: Scaffolding Components and Materials

- Tubes: sizes, wall thickness, grades (steel, aluminum).
- Couplers: right-angle, swivel, sleeve, putlog, beam clamps.
- Base plates, sole boards, and adjustable jacks.
- Scaffold boards: grades, lengths, and load capacities.
- Guardrails, toe boards, and mid-rails.
- Ties: through-ties, reveal ties, anchor ties.
- Ladders and access components.
- Material inspection checklist and rejection criteria.

Day 3: Scaffolding Design Principles and Load Calculations

- Principles of scaffold design: base, bay, lift, and bracing.
- Load types: dead, live, wind, and impact loads.
- Load distribution and transfer to ground.
- Safe working load (SWL) and maximum intended load (MIL).
- Factor of safety: 4:1 for static loads.
- Reading scaffold design drawings and specifications.
- Practical exercise: calculate loads for a 3-lift independent scaffold.
- Common design errors and how to avoid them.

Day 4: Site Preparation and Foundation Requirements

- Ground bearing capacity and testing methods.
- Types of foundations: concrete slabs, compacted soil, timber sleepers.
- Sole board dimensions and positioning.
- Base plate types and adjustment for uneven ground.
- Drainage to prevent water accumulation.
- Weather considerations: wind, rain, lightning.
- Site hazard identification: overhead power lines, underground services.
- Practical: set out and level a scaffold base.

Day 5: Erecting Basic Scaffold Structures

- Step-by-step erection procedure for a basic independent scaffold.
- Setting out first lift: spacing of standards (max 2.1m).
- Connecting ledgers and transoms with right-angle couplers.
- Plumb and level checks using spirit level and line.
- Longitudinal bracing: diagonal braces every 5 bays.

- Transverse bracing: at ends and every 4 bays.
- Safe use of scaffold spanners, levels, and lanyards.
- Practical exercise: erect a 2-lift independent scaffold.

Day 6: Advanced Erection: Multi-Lift and Cantilever Scaffolds

- Multi-lift erection: adding lifts, tying to structure.
- Cantilever scaffolds: design and installation.
- Outrigger beams and counterweights.
- Loading bays: construction and safety features.
- Scaffold staircases and ladder access.
- Advanced bracing: plan bracing, knee bracing.
- Fall protection: harnesses, lanyards, anchor points.
- Practical: erect a 4-lift scaffold with cantilever section.

Day 7: Altering and Modifying Existing Scaffolds

- When and why scaffolds need alteration.
- Risk assessment for modification work.
- Adding lifts: procedure and tie-in requirements.
- Removing components: order and temporary support.
- Relocating standards and ledgers.
- Impact on bracing and stability.
- Tag system: green/amber/red tags and what they mean.
- Practical: modify an existing scaffold by adding a loading bay.

Day 8: Dismantling Scaffolds Safely

- Dismantling sequence: top-down, last erected first removed.
- Maintaining stability: temporary ties and bracing.
- Safe lowering techniques: ropes, gin wheels, hoists.
- Component inspection and sorting.
- Dealing with damaged components.
- Housekeeping and waste disposal.
- Emergency procedures during dismantling.
- Practical: dismantle a 4-lift scaffold with cantilever.

Day 9: Scaffold Inspection and Tagging

- Inspection schedule: pre-use, weekly, after adverse weather.
- Inspection checklist: components, stability, loading.
- Defects: bent tubes, cracked welds, split boards.
- Tag system: green (safe), amber (caution), red (unsafe).
- Completing inspection reports.
- Competent person requirements per SANS.
- Common faults and corrective actions.
- Practical: inspect and tag a scaffold erected by peers.

Day 10: Integration, Assessment, and Certification

- Full scaffold project: from design to dismantle.
- Team coordination and communication.
- Written assessment covering theory and regulations.

- Practical assessment: erect, alter, and dismantle.
- Assessment criteria per Unit Standard 119042.
- Feedback session and areas for improvement.
- Certification process and validity.
- Continuing professional development opportunities.

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 **13 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 35,800.00	R 35,800.00
1	In-House	R 46,500.00	R 46,500.00
1	On-Campus (Pretoria)	R 53,700.00	R 53,700.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	17 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	18 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	18 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	19 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	20 Aug 2026	On-Campus	Mauritius
10 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	24 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 119042) 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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