



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

Tractor Operation And Safety In South Africa Training

Physical Planning and Construction / Civil Engineering Construction

Unit Standard 116177 · NQF Level 2 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills required to operate tractors safely and efficiently in South African agricultural and industrial settings. It covers pre-operational checks, safe driving techniques, and compliance with relevant occupational health and safety regulations. Successful completion ensures that operators can minimise risks to themselves, others, and equipment while maximising productivity.

Category	Physical Planning and Construction
Subfield	Civil Engineering Construction
Unit Standard	116177
Accreditation	SAQA Accredited · NQF Level 2 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate pre-operational checks and routine maintenance procedures on a tractor according to manufacturer specifications and safety standards.
- Apply safe operating techniques for tractor manoeuvring, including starting, stopping, turning, and operating on slopes and uneven terrain.
- Analyse potential hazards associated with tractor operation and implement appropriate control measures to prevent accidents.
- Evaluate the condition of tractor components, including tyres, brakes, steering, and PTO systems, to ensure safe operation.
- Implement emergency procedures, including shutdown and evacuation, in the event of a tractor malfunction or incident.
- Demonstrate compliance with relevant South African health and safety legislation, including the Occupational Health and Safety Act and relevant regulations.

WHO SHOULD ATTEND

- This course is designed for tractor operators, farm workers, agricultural supervisors, and any individuals required to operate tractors as part of their duties in South Africa.

COURSE OUTLINE

Day 1: Foundational Tractor Safety and Pre-Operation Checks

- Overview of the Occupational Health and Safety Act (OHSA) and relevant SAQA unit standards
- Tractor types, components, and controls
- Pre-start inspection: fluids, tyres, brakes, lights, and guards
- Personal protective equipment (PPE) requirements
- Safety around moving parts and hot surfaces
- Correct mounting and dismounting procedures
- Daily logbook and maintenance records

Day 2: Operational Techniques and Risk Management

- Starting the engine: pre-start checks and cold-start procedures
- Clutch, gear, and brake coordination
- Steering and turning radius considerations
- Operating on slopes, uneven terrain, and wet conditions
- Reversing with and without trailers
- Attaching and detaching implements safely
- Hazard identification: power lines, ditches, livestock, and bystanders
- Emergency stop and shutdown procedures

Day 3: Advanced Applications, Practical Assessment, and Integration

- Field operations: ploughing, towing, and PTO-driven implements
- Operating in low visibility and night conditions
- Fuel efficiency and basic troubleshooting
- Simulated emergencies: rollover, fire, and hydraulic failure
- Practical assessment: pre-start inspection, driving course, and implement attachment
- Debriefing and feedback on performance
- Logbook completion and certification requirements

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 **6 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,900.00	R 17,900.00
1	In-House	R 23,300.00	R 23,300.00
1	On-Campus (Pretoria)	R 26,800.00	R 26,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	13 Aug 2026	On-Campus	Dubai, UAE
12 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	19 Aug 2026	On-Campus	Durban, South Africa
17 Aug 2026	19 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 116177) 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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