



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Agricultural Equipment Brake System Overhaul

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 246770 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course provides learners with the knowledge and skills to overhaul braking system components on agricultural equipment. It covers the identification, disassembly, inspection, repair, and reassembly of braking systems, ensuring safety and compliance with industry standards.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	246770
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

- Apply safety procedures and precautions when working on braking systems.
- Identify and describe the components and operation of braking systems on agricultural equipment.
- Disassemble braking system components using appropriate tools and techniques.
- Inspect components for wear, damage, and serviceability against manufacturer specifications.
- Repair or replace faulty components and reassemble the braking system.
- Test and adjust the braking system to ensure proper operation and performance.

WHO SHOULD ATTEND

- This course is designed for technicians and mechanics who maintain and repair agricultural equipment, as well as individuals seeking to specialize in brake system overhaul.

COURSE OUTLINE

Day 1: Agricultural Equipment Brake System Overhaul

- Overview of brake system types in agricultural equipment (disc, drum, hydraulic, pneumatic)
- Brake system components: master cylinder, calipers, wheel cylinders, brake lines, linings
- Fault diagnosis: symptoms, causes, and diagnostic tools
- Safety procedures: lockout/tagout, fluid handling, personal protective equipment
- Disassembly and inspection: measuring wear, checking for damage
- Reassembly: seal replacement, bleeding, adjustment, torque specifications
- Post-overhaul testing: pressure tests, functionality checks, and adjustments
- Documentation and reporting: recording measurements and actions taken

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 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
31 Jul 2026	31 Jul 2026	On-Campus	Johannesburg, South Africa
03 Aug 2026	03 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	05 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	06 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Mauritius
10 Aug 2026	10 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 246770) 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.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za