



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 Engine System Component Removal and Installation

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 246762 · NQF Level 2 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills to safely and effectively remove, disassemble, and install engine system components in agricultural equipment. It covers the identification of components, use of specialised tools, and adherence to manufacturer specifications. By the end, learners will be able to perform these tasks with precision and in compliance with workplace health and safety standards.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	246762
Accreditation	SAQA Accredited · NQF Level 2 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct procedures for removing engine system components from agricultural equipment.
- Disassemble engine components according to manufacturer specifications and safe work practices.
- Install engine system components and verify proper fitment and functionality.
- Apply appropriate diagnostic techniques to assess component condition before reinstallation.
- Implement workplace safety protocols and environmental procedures during removal and installation tasks.
- Use specialised tools and equipment correctly to avoid damage to components.

WHO SHOULD ATTEND

- This course is designed for agricultural equipment technicians, mechanics, and service personnel who are responsible for the maintenance and repair of engine systems in tractors, harvesters, and other farm machinery.

COURSE OUTLINE

Day 1: Agricultural Engine System Component Removal and Installation

- Introduction to engine systems and components
- Safety precautions and personal protective equipment
- Component identification and function (e.g., cylinder head, pistons, valves)
- Removal procedures: disassembly sequence, special tools, and handling
- Inspection of components for wear and damage
- Installation procedures: gaskets, seals, torque specifications, and sequences
- Post-installation checks: leak tests, compression tests, and operational checks
- Documentation and reporting

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 **3 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
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
12 Aug 2026	12 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 246762) 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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