



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

Cigarette Packer Arbor Drum Maintenance Procedures Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 117615 · NQF Level 4 · 5 Credits · 2 Days

COURSE OVERVIEW

This course provides comprehensive training on the maintenance procedures for arbor drums used in cigarette packing machines. Participants will gain the skills to safely and efficiently maintain arbor drums, ensuring optimal machine performance and reduced downtime. The training emphasizes adherence to safety standards and best practices in a manufacturing environment.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	117615
Accreditation	SAQA Accredited · NQF Level 4 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct disassembly and reassembly procedures for arbor drums in cigarette packers.
- Apply preventive maintenance techniques to extend the lifespan of arbor drum components.
- Analyze common faults and wear patterns in arbor drums to diagnose issues accurately.
- Evaluate the effectiveness of maintenance procedures and recommend improvements.
- Implement safety protocols and lockout/tagout procedures during maintenance tasks.
- Document maintenance activities and generate reports for quality assurance.

WHO SHOULD ATTEND

- This course is designed for maintenance technicians, mechanical engineers, and machine operators involved in the upkeep of cigarette packing machinery.
- It is also suitable for supervisors and team leaders responsible for ensuring equipment reliability in tobacco manufacturing facilities.

COURSE OUTLINE

Day 1: Foundational Knowledge and Safety Protocols for Arbor Drum Maintenance

- Overview of the cigarette packer machine and arbor drum role.
- Arbor drum assembly components: shafts, bearings, seals, and drum body.
- Safety procedures: LOTO, PPE, and confined space awareness.
- Reading technical drawings and maintenance manuals.
- Preventive maintenance schedules and checklists.
- Inspection techniques for wear, misalignment, and damage.
- Lubrication requirements: types, quantities, and intervals.
- Documentation and reporting standards.

Day 2: Practical Maintenance Procedures and Troubleshooting

- Step-by-step disassembly sequence and component handling.
- Cleaning and inspection of parts: bearings, seals, and drum surface.
- Precision measurement: shaft runout, bearing clearance, and alignment.
- Replacement procedures for worn components.
- Troubleshooting common issues: vibration, noise, and leakage.
- Reassembly techniques: torquing, seal installation, and lubrication.
- Post-maintenance testing: run-in procedures and performance checks.
- Completion of maintenance logs and handover documentation.

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 **5 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	04 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	04 Aug 2026	On-Campus	Cape Town, South Africa
03 Aug 2026	04 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	06 Aug 2026	On-Campus	Mauritius
05 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
11 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
11 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 117615) 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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