



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 Inner Liner Folding Wheel Maintenance Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 117620 · NQF Level 4 · 5 Credits · 2 Days

COURSE OVERVIEW

This course provides specialised training for maintenance personnel on the inner liner folding wheel of cigarette packing machines. Participants will gain the skills to diagnose, repair, and optimise this critical component to minimise downtime and ensure consistent product quality.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	117620
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

- Apply safe maintenance procedures and lockout/tagout protocols specific to the folding wheel assembly.
- Analyse common wear patterns and failure modes of the inner liner folding wheel components.
- Evaluate alignment and timing settings to ensure precise folding of inner liners.
- Design a preventive maintenance schedule for the folding wheel based on operational data.
- Implement corrective adjustments and part replacements using manufacturer specifications.

WHO SHOULD ATTEND

- This course is designed for maintenance technicians, mechanical fitters, and machine operators working in cigarette manufacturing facilities who are responsible for the upkeep and repair of packing machinery.

COURSE OUTLINE

Day 1: Fundamentals of the Inner Liner Folding Wheel

- Overview of the cigarette packer and the role of the inner liner folding wheel.
- Component identification: folding wheel, cams, rollers, and sensors.
- Mechanical principles: timing, torque, and material handling.
- Safety protocols: lockout/tagout, PPE, and hazard identification.
- Pre-maintenance inspection checklist and fault diagnosis.
- Step-by-step disassembly and cleaning of folding wheel parts.
- Common wear patterns and their causes.
- Introduction to maintenance documentation and reporting.

Day 2: Advanced Maintenance and Troubleshooting

- Precision alignment techniques: shimming, timing adjustments.
- Calibration of sensors and actuators for optimal folding.
- Advanced fault-finding: using diagnostic tools and error codes.
- Replacement of bearings, seals, and folding fingers.
- Reassembly procedures: torque specifications and lubrication.
- Post-maintenance operational tests and quality checks.
- Root cause analysis and preventive maintenance planning.
- Hands-on practical assessment and competency evaluation.

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
11 Aug 2026	12 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
13 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	18 Aug 2026	On-Campus	Abu Dhabi, 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 117620) 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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