



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

Carton Assembly Machine Operation Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 115182 · NQF Level 3 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to safely and efficiently operate carton assembly machines in a manufacturing or packaging environment. It covers machine setup, operation, monitoring, and basic fault-finding to ensure consistent output quality and compliance with workplace safety standards.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	115182
Accreditation	SAQA Accredited · NQF Level 3 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the ability to safely start up, operate, and shut down a carton assembly machine according to standard operating procedures.
- Apply correct machine settings and adjustments to produce cartons that meet specified quality and dimensional requirements.
- Monitor machine performance and product output, identifying and resolving common operational faults.
- Evaluate finished cartons against quality criteria and implement corrective actions when defects are detected.
- Implement workplace safety protocols and maintain a clean, organized work area in compliance with OHS Act requirements.
- Record production data and machine status accurately using standard documentation or digital systems.

WHO SHOULD ATTEND

- This course is designed for machine operators, production line workers, and technicians who are responsible for assembling cartons using automated or semi-automated machinery in industries such as packaging, logistics, and manufacturing.

COURSE OUTLINE

Day 1: Introduction to Carton Assembly Machines and Safety

- Overview of carton assembly processes and machine types.
- Machine components: feeders, conveyors, folding stations, glue units.
- Safety regulations (OHS Act), lockout/tagout procedures.
- Reading technical manuals and SOPs.
- Housekeeping and hazard identification.

Day 2: Machine Setup and Adjustment

- Pre-start inspection checklist.
- Adjusting guides, folding rails, and compression belts.
- Setting up glue temperature and flow rates.
- Loading blanks and aligning feed mechanisms.
- Troubleshooting common setup errors.

Day 3: Operation and Monitoring

- Start-up sequence and speed ramping.
- Monitoring sensors, glue patterns, and carton integrity.
- Adjusting settings during run to maintain quality.
- Common defects: misalignment, glue splatter, jam detection.
- Recording production data and quality reports.

Day 4: Maintenance and Troubleshooting

- Daily, weekly, and monthly maintenance tasks.
- Troubleshooting jams, misfeeds, and glue system issues.
- Replacing wear parts: belts, rollers, cutters.
- Using diagnostic tools and error codes.
- Documenting maintenance activities.

Day 5: Advanced Operations and Practical Integration

- Efficiency optimization: reducing cycle time and waste.
- Changeover procedures for different carton types.
- Lean tools: 5S, Kaizen, and continuous improvement.
- Final practical assessment: setup, run, and quality check.
- Handover procedures and shift communication.

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 **8 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 23,000.00	R 23,000.00
1	In-House	R 29,900.00	R 29,900.00
1	On-Campus (Pretoria)	R 34,500.00	R 34,500.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	21 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 115182) 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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