



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

Laminated Paper and Board Production Monitoring and Control

Manufacturing, Engineering and Technology / Engineering and Related Design

Unit Standard 256235 · NQF Level 2 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to monitor and control the production of laminated paper or board in a manufacturing environment. Participants will learn to oversee production processes, ensure quality standards, and implement corrective actions to maintain efficiency and product integrity.

Category	Manufacturing, Engineering and Technology
Subfield	Engineering and Related Design
Unit Standard	256235
Accreditation	SAQA Accredited · NQF Level 2 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Monitor the lamination production process to ensure conformance to specifications and standards.
- Control production variables such as temperature, pressure, and speed to maintain product quality.
- Identify and address deviations in the production process to minimize waste and downtime.
- Apply quality control measures to verify that laminated paper or board meets customer requirements.
- Document production data and report on process performance for continuous improvement.
- Implement corrective actions in response to non-conformances or equipment malfunctions.

WHO SHOULD ATTEND

- Production supervisors, team leaders, and operators in the paper and board lamination industry who are responsible for monitoring and controlling production processes.

COURSE OUTLINE

Day 1: Introduction to Laminated Paper and Board Production

- Overview of paper and board lamination.
- Raw materials: base paper, adhesives, coatings.
- Lamination process types: wet, dry, extrusion.
- Key equipment: unwinders, coating stations, laminators, rewinders.
- Quality attributes: adhesion, barrier properties, appearance.
- Safety protocols and waste management.

Day 2: Process Monitoring Techniques

- Critical parameters: temperature, nip pressure, line speed, tension.
- Monitoring tools: thermocouples, pressure gauges, tachometers.
- Data logging and control charts.
- Common process variations: wrinkles, bubbles, delamination.
- Troubleshooting techniques.
- Standard operating procedures (SOPs) for monitoring.

Day 3: Quality Control and Testing

- Quality specifications for laminated paper and board.
- Testing methods: peel test, tensile strength, burst strength, moisture barrier.
- In-line vs. off-line testing.
- Common defects: poor adhesion, blisters, coating unevenness.
- Statistical process control (SPC) basics.
- Non-conformance reporting and disposition.

Day 4: Process Control and Optimization

- Feedback control systems: PID controllers.
- Tuning control loops for lamination.
- Optimization strategies: speed increase, adhesive reduction.
- Waste reduction techniques: edge trim, setup minimization.
- Change management and documentation.
- Energy efficiency considerations.

Day 5: Integrated Monitoring and Control Systems

- Distributed control systems (DCS) and SCADA overview.
- Alarm management and response.
- Shift handover and communication protocols.
- Case studies: resolving production issues.
- Final assessment and review.
- Continuous improvement principles.

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 2**.

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
03 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
03 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Mauritius
03 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, 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 256235) 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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