



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

Slitting Metallised Paper Rolls Manufacturing Process Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 114138 · NQF Level 3 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the specialized skills required to safely and efficiently slit metallised paper rolls in a manufacturing environment. Participants will understand the entire slitting process, from roll preparation to final packaging, while adhering to quality standards and workplace safety protocols.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	114138
Accreditation	SAQA Accredited · NQF Level 3 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct procedures for preparing metallised paper rolls for slitting, including inspection and setup.
- Apply safe operating practices for slitting machinery, including lock-out/tag-out and emergency shutdown procedures.
- Analyze slit roll quality against specified tolerances and identify common defects.
- Implement corrective actions to resolve slitting issues such as edge tears, uneven tension, or misalignment.
- Evaluate finished slit rolls for compliance with customer specifications and packaging requirements.

WHO SHOULD ATTEND

- This training is designed for machine operators, production supervisors, and quality control personnel involved in the slitting of metallised paper rolls within the packaging or printing industries.

COURSE OUTLINE

Day 1: Introduction to Slitting Metallised Paper Rolls

- Overview of metallised paper manufacturing
- Raw materials: base paper, aluminium coating, adhesives
- The slitting process: purpose and stages
- Safety standards and PPE requirements
- Quality specifications for slit rolls

Day 2: Slitting Machine Components and Setup

- Slitting machine anatomy: unwind, slitting section, rewind
- Unwind and rewind systems
- Tension control devices and principles
- Types of slitting knives: razor, shear, crush cut
- Setup procedures for different roll sizes

Day 3: Operational Parameters and Adjustment

- Parameter settings: speed, tension, knife pressure
- Web guiding systems and alignment
- Knife setup: gap, overlap, and angle adjustments
- Impact of parameters on slit quality
- Common setup problems and solutions

Day 4: Quality Control and Defect Analysis

- Quality standards for slit rolls: width, edge quality, tightness
- Common defects: edge burrs, telescoping, wrinkles
- Measurement tools: callipers, micrometres, gauges
- Root cause analysis of defects
- Corrective actions and process adjustments

Day 5: Maintenance and Troubleshooting

- Preventive maintenance schedules
- Lubrication and cleaning procedures
- Troubleshooting mechanical issues: vibration, noise
- Troubleshooting electrical issues: sensors, drives
- Component replacement: knives, belts, bearings
- Maintenance logs and reporting

Day 6: Efficiency and Productivity Optimization

- Production metrics: OEE, yield, downtime
- Bottleneck analysis techniques
- Waste reduction strategies: setup time, scrap
- Lean principles: 5S, continuous improvement
- Automation and technology upgrades

Day 7: Integration, Safety, and Final Assessment

- Full process walkthrough from setup to finished roll
- Safety review and emergency procedures
- Final practical assessment: slitting a metallised paper roll

- Documentation and reporting
- Course review and Q&A;

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 **10 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	18 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	19 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	20 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	20 Aug 2026	On-Campus	Mauritius
13 Aug 2026	21 Aug 2026	On-Campus	Cape Town, South Africa
14 Aug 2026	24 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	25 Aug 2026	On-Campus	Abu Dhabi, UAE
18 Aug 2026	26 Aug 2026	On-Campus	Durban, 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 114138) 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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