



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Slitting Machine Setup And Production Preparation Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 114113 · NQF Level 3 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the skills to set up a slitting machine and prepare for production in a manufacturing environment. It covers machine components, setup procedures, safety protocols, and quality checks to ensure efficient and safe operation.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	114113
Accreditation	SAQA Accredited · NQF Level 3 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct procedure for setting up a slitting machine according to manufacturer specifications.
- Apply safety regulations and personal protective equipment requirements during machine setup and production preparation.
- Analyze machine components and their functions to identify potential setup issues.
- Evaluate material specifications and adjust machine settings accordingly.
- Implement quality checks to verify setup accuracy before production begins.
- Document setup parameters and production preparation steps for traceability.

WHO SHOULD ATTEND

- This course is designed for machine operators, production supervisors, and manufacturing technicians who are responsible for setting up slitting machines and preparing production runs.

COURSE OUTLINE

Day 1: Fundamentals of Slitting Machine Setup

- Introduction to slitting machines: types, components, and applications.
- Safety regulations, lockout/tagout procedures, and personal protective equipment.
- Reading and interpreting setup instructions and production schedules.
- Tools and measuring instruments: micrometers, vernier calipers, feeler gauges.
- Setting blade clearance, overlap, and pressure.
- Aligning web path and tension controls.
- Basic troubleshooting during setup.
- Documentation and reporting procedures.

Day 2: Advanced Setup Techniques and Quality Control

- Material characteristics: thickness, tensile strength, and surface properties.
- Adjusting knife angles and shear settings for various substrates.
- Setting unwind and rewind tensions for optimal roll formation.
- Quality control: measuring slit width, edge quality, and roll hardness.
- Troubleshooting defects: burrs, dust, telescoping, and wrinkles.
- Process optimization: reducing waste and changeover time.
- Communication protocols with operators and supervisors.
- Recording setup data and quality metrics.

Day 3: Production Preparation and Practical Integration

- Step-by-step setup sequence for typical production orders.
- Pre-production inspection: machine cleanliness, tool condition, safety checks.
- Running first meters: monitoring and fine-tuning.
- Sampling and inspection protocols during startup.
- Changeover procedures between different product specifications.
- Handover to production team: communication and documentation.
- Review of common challenges and best practices.
- Assessment of competency: practical demonstration.

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 **6 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,900.00	R 17,900.00
1	In-House	R 23,300.00	R 23,300.00
1	On-Campus (Pretoria)	R 26,800.00	R 26,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	12 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	13 Aug 2026	On-Campus	Mauritius
12 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	19 Aug 2026	On-Campus	Shenzhen, China
17 Aug 2026	19 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 114113) 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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