



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

Filter Rod Maker Garniture Maintenance Procedures Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 114117 · NQF Level 4 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips filter rod maker operators and maintenance technicians with the skills to perform garniture maintenance procedures safely and effectively. Participants will learn to inspect, adjust, and replace garniture components to ensure optimal machine performance and product quality. The training emphasises adherence to manufacturer specifications and workplace safety standards.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	114117
Accreditation	SAQA Accredited · NQF Level 4 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply lockout/tagout procedures before commencing garniture maintenance.
- Demonstrate correct disassembly, inspection, and cleaning of garniture components.
- Evaluate garniture wear and determine replacement criteria based on tolerance limits.
- Adjust garniture alignment and tension to meet production specifications.
- Assemble garniture components following manufacturer guidelines and torque specifications.
- Test garniture functionality after maintenance and document procedures performed.

WHO SHOULD ATTEND

- Filter rod maker machine operators, maintenance technicians, and mechanical fitters working in tobacco or filtration manufacturing environments.
- This course is ideal for individuals responsible for the upkeep and troubleshooting of garniture assemblies.

COURSE OUTLINE

Day 1: Introduction to Filter Rod Maker and Garniture System

- Overview of filter rod making process
- Key components: garniture tape, tongue, suction belt, and forming section
- Function of the garniture system in rod formation
- Safety procedures and lock-out/tag-out
- Introduction to maintenance schedules and documentation

Day 2: Inspection and Diagnostics of Garniture Components

- Inspection criteria for garniture tape tension and alignment
- Checking tongue wear and clearance
- Suction belt condition and vacuum system checks
- Diagnostic tools: gauges, calipers, and wear templates
- Common defects: tape slippage, tongue scoring, belt damage
- Reporting and recording inspection results

Day 3: Garniture Tape Replacement and Adjustment

- Step-by-step tape replacement procedure
- Tensioning methods and torque specifications
- Tracking adjustment techniques
- Alignment checks using gauges and visual cues
- Post-installation test run and parameter verification
- Troubleshooting common tape issues

Day 4: Tongue, Suction Belt, and Forming Section Maintenance

- Tongue removal and wear assessment
- Suction belt cleaning procedures and belt replacement
- Forming section: cleaning and inspection of guides and seals
- Clearance adjustments between tongue, tape, and belt
- Alignment checks and fine-tuning
- Lubrication requirements for moving parts

Day 5: Advanced Maintenance, Troubleshooting, and Practical Integration

- Advanced troubleshooting: rod defects, vibration, and noise
- Integrated maintenance: coordinating tape, tongue, and belt work
- Preventive maintenance scheduling and checklists
- Spare parts management and inventory
- Final practical assessment: complete garniture overhaul
- Documentation and handover procedures

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 4**.

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 114117) 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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