



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

Quality Control Procedures For Filter Rod Manufacturing Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 114139 · NQF Level 3 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to implement and maintain quality control procedures specific to filter rod manufacturing. Participants will understand the critical parameters affecting filter rod quality and how to apply statistical process control techniques to ensure product consistency and compliance with industry standards.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	114139
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

- Apply quality control procedures to monitor filter rod manufacturing processes.
- Analyze process data to identify deviations and implement corrective actions.
- Evaluate product samples against defined quality standards and specifications.
- Demonstrate the use of measuring instruments and test equipment for quality checks.
- Implement record-keeping and documentation procedures for quality assurance.
- Ensure compliance with health, safety, and environmental regulations during quality control activities.

WHO SHOULD ATTEND

- This course is designed for production supervisors, quality control inspectors, and manufacturing technicians working in filter rod production facilities who are responsible for monitoring and improving product quality.

COURSE OUTLINE

Day 1: Introduction to Filter Rod Manufacturing and Quality Control

- Overview of filter rod manufacturing: raw materials, processes, and end products
- Importance of quality control in the tobacco industry
- Quality standards and regulations (e.g., SAQA, ISO)
- Key quality control terminology: specifications, tolerances, defects
- Roles and responsibilities of quality control personnel
- Safety considerations in the manufacturing environment
- Introduction to quality control documentation

Day 2: Raw Materials and Incoming Quality Control

- Types of raw materials: tow, plasticizers, adhesives, wrapping materials
- Material specifications and acceptance criteria
- Sampling plans and techniques (e.g., AQL)
- Inspection methods: visual, dimensional, and physical tests
- Handling and storage of raw materials
- Non-conformance reporting and supplier communication
- Practical demonstration of incoming inspection

Day 3: In-Process Quality Control

- Critical control points in filter rod manufacturing
- In-process inspection techniques: weight, length, circumference, hardness
- Statistical process control (SPC) basics: control charts
- Process capability and adjustment procedures
- Responding to non-conforming product: segregation and rework
- Documentation of in-process data
- Practical exercise: in-process measurement and recording

Day 4: Finished Product Testing and Analysis

- Finished product specifications and tolerances
- Test methods: pressure drop, firmness, ventilation, length, circumference
- Operation and calibration of testing equipment
- Data analysis: pass/fail criteria and statistical analysis
- Non-conformance handling and corrective actions
- Practical session: conducting finished product tests

Day 5: Quality Assurance Systems and Documentation

- Quality management systems: ISO 9001 and industry-specific requirements
- Documentation: SOPs, work instructions, forms, and records
- CAPA process: identification, root cause analysis, action plans
- Internal auditing: planning, execution, and reporting
- Continuous improvement tools: PDCA, 5 Whys
- Practical exercise: auditing a quality process

Day 6: Regulatory Compliance and Industry Standards

- South African regulations: Tobacco Products Control Act, SANS standards
- International standards: ISO, WHO FCTC

- Compliance with health and safety regulations
- Regulatory inspection preparation and response
- Product safety: migration limits, labeling
- Case studies on regulatory non-compliance

Day 7: Integration, Review, and Assessment

- Integration of QC procedures: from raw material to finished product
- Review of course content and Q&A;
- Practical assessment: complete QC cycle on a production line
- Feedback and improvement planning
- Certification requirements and next steps
- Course evaluation and closing

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
07 Aug 2026	17 Aug 2026	On-Campus	Mauritius
10 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	20 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	21 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	21 Aug 2026	On-Campus	Mauritius
14 Aug 2026	24 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	25 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 114139) 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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