



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

Cigarette Maker Suction Chamber Maintenance Procedures Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 114094 · NQF Level 4 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips maintenance technicians with the knowledge and skills to perform safe and effective suction chamber maintenance on cigarette makers. Participants will learn to identify components, follow maintenance procedures, and apply safety protocols to ensure machine reliability and operator safety.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	114094
Accreditation	SAQA Accredited · NQF Level 4 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify and describe the function of each component in a cigarette maker suction chamber.
- Apply correct lockout/tagout procedures before commencing maintenance work.
- Demonstrate step-by-step disassembly, cleaning, and reassembly of the suction chamber.
- Evaluate wear patterns and diagnose common suction chamber faults.
- Implement preventive maintenance schedules to extend equipment life.
- Document maintenance activities and report anomalies in line with company standards.

WHO SHOULD ATTEND

- Maintenance technicians, mechanical fitters, and machine operators involved in the upkeep of cigarette maker suction chambers in tobacco manufacturing facilities.

COURSE OUTLINE

Day 1: Fundamentals of Suction Chamber Operation and Safety

- Overview of cigarette maker suction chamber: purpose and airflow principles.
- Key components: suction fan, filters, ducts, seals, and control valves.
- Safety procedures: LOTO, PPE, confined space awareness, electrical isolation.
- Introduction to maintenance schedules: daily, weekly, monthly checks.
- Common issues: blockages, seal leaks, fan imbalance, pressure drops.
- Documentation: maintenance logs, work orders, and reporting.

Day 2: Inspection, Cleaning, and Component Replacement

- Inspection checklists: visual, tactile, and instrument-based checks.
- Cleaning methods: dry vs wet cleaning, solvent use, debris disposal.
- Seal and gasket replacement: materials, torque specs, alignment.
- Filter maintenance: types (Hepa, bag, panel), cleaning intervals, replacement criteria.
- Fan maintenance: belt tension, bearing lubrication, alignment checks.
- Measuring instruments: manometers, anemometers, vibration pens.
- Troubleshooting: diagnosing low suction, excessive noise, product defects.

Day 3: Advanced Diagnostics, Calibration, and System Optimization

- Advanced diagnostics: trend analysis, root cause analysis, Pareto principles.
- Calibration procedures: pressure transducers, PID controllers, actuator stroke.
- System optimization: balancing airflow, reducing energy consumption, minimizing downtime.
- Preventive maintenance planning: scheduling, spare parts management, CMMS.
- Integration with production: coordinating with shift schedules, quality control feedback.
- Documentation and reporting: creating standard operating procedures (SOPs).

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 4**.

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	Pretoria, South Africa
10 Aug 2026	12 Aug 2026	On-Campus	Mauritius
11 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	19 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	19 Aug 2026	On-Campus	Abu Dhabi, UAE

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 114094) 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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