



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

Occupational Spirometry Screening Test Performance

Health Sciences and Social Services / Preventive Health

Unit Standard 252125 · NQF Level 5 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the competence to perform spirometry screening tests in occupational settings, ensuring accurate measurement and interpretation of lung function. It covers the principles of spirometry, equipment use, quality assurance, and the identification of abnormal results. Learners will be able to conduct tests in compliance with occupational health and safety regulations and contribute to respiratory health surveillance programs.

Category	Health Sciences and Social Services
Subfield	Preventive Health
Unit Standard	252125
Accreditation	SAQA Accredited · NQF Level 5 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct procedure for calibrating and using spirometry equipment in an occupational setting
- Apply quality assurance criteria to ensure valid and reproducible spirometry results
- Analyze spirometry tracings and identify patterns indicative of obstructive or restrictive lung defects
- Evaluate test results against reference values and interpret findings in the context of occupational exposure
- Implement appropriate infection control and safety measures during spirometry testing
- Document and report spirometry results accurately in accordance with workplace protocols

WHO SHOULD ATTEND

- Occupational health practitioners, nurses, and safety officers responsible for conducting spirometry screenings in workplaces.
- Also suitable for individuals seeking to expand their skills in occupational health surveillance.

COURSE OUTLINE

Day 1: Foundations of Occupational Spirometry

- Introduction to occupational spirometry and regulatory requirements
- Anatomy and physiology of the respiratory system
- Principles of spirometry: FVC, FEV1, FEV1/FVC ratio, flow-volume loops
- Spirometry equipment: types, calibration, and maintenance
- Quality assurance: acceptability and repeatability criteria
- Common errors and sources of variability
- Operator roles, ethics, and confidentiality
- Basic interpretation of spirometry results

Day 2: Practical Application and Competency Assessment

- Step-by-step spirometry testing protocol
- Patient preparation, coaching, and effort encouragement
- Acceptability and repeatability criteria in practice
- Troubleshooting equipment and patient issues
- Documentation, reporting, and record-keeping
- Infection control and safety measures
- Review of case studies and error analysis
- Competency assessment and final evaluation

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 **5 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 16,200.00	R 16,200.00
1	In-House	R 21,000.00	R 21,000.00
1	On-Campus (Pretoria)	R 24,300.00	R 24,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
12 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
18 Aug 2026	19 Aug 2026	On-Campus	Shenzhen, China
18 Aug 2026	19 Aug 2026	On-Campus	Abu Dhabi, UAE
18 Aug 2026	19 Aug 2026	On-Campus	Dubai, UAE
20 Aug 2026	21 Aug 2026	On-Campus	Pretoria, South Africa
20 Aug 2026	21 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 252125) 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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