



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

Measure Compressed Air and Water Pressure with Handheld Gauge

Health Sciences and Social Services / Preventive Health

Unit Standard 259640 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills to accurately measure compressed air and water pressure using a handheld pressure gauge. It covers the correct selection, use, and maintenance of pressure gauges, as well as interpretation of readings to ensure safe and efficient system operation.

Category	Health Sciences and Social Services
Subfield	Preventive Health
Unit Standard	259640
Accreditation	SAQA Accredited · NQF Level 2 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct procedure for selecting a handheld pressure gauge for measuring compressed air or water pressure.
- Apply safe work practices when connecting and using a pressure gauge on pressurised systems.
- Measure compressed air and water pressure accurately using a handheld gauge and record the readings.
- Interpret pressure readings to determine if system parameters are within specified limits.
- Perform basic maintenance and care of handheld pressure gauges to ensure accuracy and longevity.
- Identify and report common faults or inaccuracies in pressure gauge readings.

WHO SHOULD ATTEND

- Technicians, artisans, and maintenance personnel who need to measure pressure in industrial, commercial, or domestic systems as part of their daily duties.

COURSE OUTLINE

Day 1: Compressed Air and Water Pressure Measurement

- Introduction to pressure: units (bar, kPa, psi) and concepts (absolute vs gauge).
- Types of handheld pressure gauges: analogue, digital, and their components.
- Safety precautions when measuring compressed air and water pressure.
- Step-by-step procedure for connecting a gauge to a system (including purging).
- Reading and recording pressure values accurately.
- Common faults: gauge errors, leaks, and how to troubleshoot.
- Practical exercise: measuring pressure on a compressed air line and a water pipe.

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 **2 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	10 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Mauritius
13 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	17 Aug 2026	On-Campus	Abu Dhabi, UAE
18 Aug 2026	18 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 259640) 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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