



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

Compressed Air System Operation And Maintenance Procedures Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 115886 · NQF Level 1 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills required to operate and maintain compressed air systems safely and efficiently. It covers the principles of compressed air systems, routine operational checks, and maintenance procedures to ensure optimal performance and compliance with health and safety regulations.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	115886
Accreditation	SAQA Accredited · NQF Level 1 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate understanding of compressed air system components and their functions.
- Apply safety procedures and regulations during operation and maintenance of compressed air systems.
- Analyze system performance data to identify inefficiencies and potential faults.
- Implement routine maintenance schedules and procedures to prolong equipment life.
- Evaluate the impact of system parameters on energy consumption and cost.
- Design basic troubleshooting plans for common compressed air system faults.

WHO SHOULD ATTEND

- This course is designed for technicians, operators, and maintenance personnel responsible for the operation and upkeep of compressed air systems in industrial settings.

COURSE OUTLINE

Day 1: Compressed Air System Fundamentals and Operational Procedures

- Overview of compressed air systems: compressors, dryers, filters, receivers, and piping.
- Safety protocols: lockout/tagout, pressure relief, and personal protective equipment.
- Operating procedures: start-up, shutdown, and normal running checks.
- Maintenance routines: draining condensate, checking oil levels, replacing filters.
- Troubleshooting: leaks, pressure drops, overheating, and moisture issues.
- Documentation: log sheets, maintenance records, and reporting procedures.
- Energy efficiency: leak detection and demand-side management.
- Practical demonstration: hands-on inspection and adjustment of a compressor unit.

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 **3 NQF credits** at **NQF Level 1**.

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
31 Jul 2026	31 Jul 2026	On-Campus	Cape Town, South Africa
31 Jul 2026	31 Jul 2026	On-Campus	Accra, Ghana
03 Aug 2026	03 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	03 Aug 2026	On-Campus	Lagos, Nigeria
04 Aug 2026	04 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Mauritius
06 Aug 2026	06 Aug 2026	On-Campus	Cape Town, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Dubai, 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 115886) 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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