



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

Air Conditioning Refrigeration Ventilation Cleaning Maintenance Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 116238 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely and effectively clean and maintain air conditioning, refrigeration, and ventilation systems. It emphasizes compliance with South African health and safety regulations, ensuring optimal system performance and indoor air quality.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	116238
Accreditation	SAQA Accredited · NQF Level 2 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply correct cleaning procedures to air conditioning, refrigeration, and ventilation components to ensure system efficiency.
- Demonstrate safe work practices in accordance with relevant occupational health and safety legislation.
- Identify and report potential hazards associated with HVAC system cleaning and maintenance.
- Evaluate system performance before and after cleaning to verify effectiveness.
- Implement preventive maintenance schedules to prolong equipment lifespan.
- Analyze cleaning chemical compatibility and environmental impact.

WHO SHOULD ATTEND

- This course is designed for HVAC technicians, maintenance personnel, and facility managers responsible for the cleaning and upkeep of air conditioning, refrigeration, and ventilation systems in commercial, industrial, or residential settings.

COURSE OUTLINE

Day 1: Fundamentals of HVAC Cleaning and Maintenance

- Introduction to HVAC systems: types and applications
- Components of air conditioning and refrigeration units
- Ventilation system basics: ducts, fans, and filters
- Health and safety regulations (OHS Act, SAQA standards)
- Cleaning procedures for coils, filters, and condensers
- Maintenance schedules and record-keeping
- Tools and equipment for HVAC cleaning
- Basic troubleshooting and problem identification

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 **4 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
03 Aug 2026	03 Aug 2026	On-Campus	Mauritius
04 Aug 2026	04 Aug 2026	On-Campus	Cape Town, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	06 Aug 2026	On-Campus	Pretoria, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
07 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	11 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 116238) 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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