



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

Refrigerant Container Handling And Transfer To Service Cylinders Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 116355 · NQF Level 2 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely handle refrigerant containers and transfer refrigerant to service cylinders. It covers the correct procedures, safety precautions, and regulatory requirements to prevent accidents, environmental harm, and refrigerant loss. Successful completion ensures compliance with South African occupational health and safety standards.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	116355
Accreditation	SAQA Accredited · NQF Level 2 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply safe handling procedures for refrigerant containers in accordance with manufacturer guidelines and legislative requirements.
- Demonstrate the correct techniques for transferring refrigerant from containers to service cylinders using appropriate equipment.
- Identify and mitigate risks associated with refrigerant handling, including pressure hazards, chemical exposure, and environmental impact.
- Evaluate the condition of refrigerant containers and service cylinders to ensure they are fit for use and properly labeled.
- Implement emergency response procedures in the event of a refrigerant leak or spill.
- Comply with relevant South African regulations and industry standards for refrigerant handling and transport.

WHO SHOULD ATTEND

- This course is designed for refrigeration and air-conditioning technicians, service engineers, and maintenance personnel who handle refrigerants as part of their daily duties.
- It is also suitable for supervisors and safety officers seeking to ensure best practices in refrigerant management.

COURSE OUTLINE

Day 1: Fundamentals of Refrigerant Container Handling and Transfer to Service Cylinders

- Introduction to refrigerants: types, environmental impact, and regulatory framework.
- Refrigerant container types: disposable, returnable, and service cylinders; labeling and colour coding.
- Safety equipment: PPE, ventilation, spill kits, and fire extinguishers.
- Pre-transfer checks: container inspection, weight verification, and valve condition.
- Transfer procedures: connecting hoses, purging, and controlled transfer using pressure differentials.
- Leak detection methods: electronic detectors, bubble solution, and pressure testing.
- Post-transfer procedures: disconnection, weighing, and storage.
- Documentation: log sheets, waste management records, and incident reporting.

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 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
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
12 Aug 2026	12 Aug 2026	On-Campus	Pretoria, 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 116355) 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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