



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

Cylinder Filling & Handling

Custom Courses / Liquefied Petroleum Gas

Unit Standard AATICD-0360 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely fill, handle, store, and transport compressed gas cylinders in compliance with South African health and safety regulations. It emphasizes hazard identification, risk mitigation, and adherence to SANS and OHS Act requirements to prevent incidents and ensure workplace safety.

Category	Custom Courses
Subfield	Liquefied Petroleum Gas
Unit Standard	AATICD-0360
Accreditation	SAQA Accredited · NQF Level 5 · 4 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant occupational health and safety regulations and standards to cylinder filling and handling operations.
- Demonstrate correct procedures for inspecting, preparing, and filling cylinders safely.
- Analyze potential hazards and risks associated with cylinder handling and implement control measures.
- Evaluate emergency response procedures for cylinder-related incidents and accidents.
- Implement proper storage, segregation, and transportation practices for cylinders.
- Demonstrate correct use of personal protective equipment (PPE) and safe handling techniques.

WHO SHOULD ATTEND

- This course is designed for operators, technicians, and supervisors responsible for the filling, handling, and storage of compressed gas cylinders in industrial, medical, or commercial environments.

COURSE OUTLINE

Day 1: Fundamentals of Cylinder Filling and Handling

- Introduction to compressed gas cylinders: types, sizes, and materials
- Gas properties and associated hazards (flammable, oxidising, toxic, corrosive)
- Legislation and standards: OHS Act, SANS 10019, and relevant regulations
- Cylinder inspection: visual checks, valve condition, and labelling
- Safe handling techniques: lifting, moving, and securing cylinders
- Storage requirements: segregation, ventilation, and fire prevention
- Emergency procedures for leaks, fires, and exposure

Day 2: Advanced Filling Operations and Practical Application

- Overview of filling systems: manifold, cascade, and pump systems
- Pre-fill checks: cylinder condition, valve type, and test date
- Filling procedures for different gases: oxygen, acetylene, nitrogen, etc.
- Monitoring pressure, temperature, and fill rates
- Quality control: leak testing, label verification, and record keeping
- Handling emergencies during filling: overpressure, leaks, and fire
- Integration of all skills: final practical assessment and feedback

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 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 11,900.00	R 11,900.00
1	In-House	R 15,400.00	R 15,400.00
1	On-Campus (Pretoria)	R 17,800.00	R 17,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
01 Oct 2026	02 Oct 2026	On-Campus	Maseru, Lesotho
01 Oct 2026	02 Oct 2026	On-Campus	Victoria Falls, Zimbabwe
05 Oct 2026	06 Oct 2026	On-Campus	Mbabane, Eswatini
05 Oct 2026	06 Oct 2026	On-Campus	Lusaka, Zambia
06 Oct 2026	07 Oct 2026	On-Campus	Nairobi, Kenya
06 Oct 2026	07 Oct 2026	On-Campus	Bangkok, Thailand
07 Oct 2026	08 Oct 2026	On-Campus	Windhoek, Namibia
08 Oct 2026	09 Oct 2026	On-Campus	Kigali, Rwanda

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 AATICD-0360) 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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