



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

LPG Handling & Storage

Custom Courses / Liquefied Petroleum Gas

Unit Standard AATICD-0349 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills required to safely handle, store, and manage liquefied petroleum gas (LPG) in accordance with South African regulations and industry best practices. It covers the properties of LPG, hazard identification, safety equipment, and emergency response procedures to minimize risks to people, property, and the environment.

Category	Custom Courses
Subfield	Liquefied Petroleum Gas
Unit Standard	AATICD-0349
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 the principles of LPG properties, including pressure, temperature, and flammability, to ensure safe handling and storage.
- Analyze potential hazards and risks associated with LPG storage and handling, and implement control measures to mitigate them.
- Demonstrate correct procedures for the safe transfer, filling, and transport of LPG cylinders and bulk tanks.
- Evaluate the effectiveness of safety systems, including ventilation, gas detection, and fire suppression, in LPG facilities.
- Implement emergency response plans for LPG leaks, fires, and other incidents, in line with regulatory requirements.
- Design and maintain safe storage layouts that comply with SANS 10087 and other relevant South African standards.

WHO SHOULD ATTEND

- This course is designed for operators, supervisors, and safety officers in industries that use or store LPG, including gas retailers, industrial plants, hospitality, and logistics.
- It is also suitable for individuals seeking to enter the LPG handling field.

COURSE OUTLINE

Day 1: Fundamentals of LPG and Regulatory Framework

- Introduction to LPG: composition, properties, and behaviour
- Regulatory framework: SANS 10087, OHS Act, and relevant regulations
- Hazard identification and risk assessment (HIRA)
- Safety data sheets and hazard communication
- Storage facility design: cylinders, bulk tanks, and installation requirements
- Fire and explosion prevention: ventilation, ignition control, and segregation
- Emergency response procedures and first aid for LPG incidents
- Personal protective equipment and safe handling practices

Day 2: Operational Procedures and Practical Application

- Safe handling and transfer: cylinder connection, decanting, and filling operations
- Inspection and maintenance: valves, hoses, and regulators
- Leak detection methods and testing procedures
- Firefighting techniques: extinguisher selection and use
- Emergency response: evacuation, containment, and incident command
- Documentation and record-keeping for compliance
- Case studies: incidents and lessons learned
- Assessment and evaluation of practical skills

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
30 Sep 2026	01 Oct 2026	In-House	—
30 Sep 2026	01 Oct 2026	On-Campus	Shenzhen, China
01 Oct 2026	02 Oct 2026	On-Campus	Blantyre, Malawi
05 Oct 2026	06 Oct 2026	On-Campus	Windhoek, Namibia
06 Oct 2026	07 Oct 2026	On-Campus	Kigali, Rwanda
06 Oct 2026	07 Oct 2026	Online	—
07 Oct 2026	08 Oct 2026	On-Campus	Lusaka, Zambia
07 Oct 2026	08 Oct 2026	On-Campus	Mbabane, Eswatini

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-0349) 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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