



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 Emergency Response

Custom Courses / Liquefied Petroleum Gas

Unit Standard AATICD-0350 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to respond effectively to emergencies involving liquefied petroleum gas (LPG). It covers hazard identification, emergency procedures, and the use of appropriate safety equipment, enabling learners to mitigate risks and protect lives and property.

Category	Custom Courses
Subfield	Liquefied Petroleum Gas
Unit Standard	AATICD-0350
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply LPG emergency response procedures in simulated scenarios.
- Analyze potential LPG hazards and assess risks in the workplace.
- Evaluate the effectiveness of different fire suppression and containment methods.
- Implement communication and evacuation plans during an LPG emergency.
- Demonstrate the correct use of personal protective equipment and emergency equipment.
- Design an LPG emergency response plan tailored to a specific workplace.

WHO SHOULD ATTEND

- This course is designed for emergency response personnel, safety officers, and employees working in environments where LPG is stored, handled, or used.
- It is also suitable for anyone seeking to enhance their preparedness for LPG-related incidents.

COURSE OUTLINE

Day 1: Introduction to LPG and Regulatory Framework

- LPG properties: flammability, vapor density, boiling point, and expansion ratio.
- Hazardous characteristics: BLEVE, fireball, vapor cloud explosion, and asphyxiation.
- Overview of SANS 10087, SANS 10019, and OHS Act requirements.
- Roles of emergency services, site personnel, and management.
- Introduction to risk assessment and emergency response planning.

Day 2: LPG Storage and Handling Systems

- Types of storage: bulk tanks, cylinders, and portable containers.
- Safety features: pressure relief valves, excess flow valves, and emergency shut-off.
- Safe filling, transfer, and transportation procedures.
- Inspection and maintenance of storage and handling equipment.
- Common leak scenarios and their potential consequences.

Day 3: Emergency Response Planning and Risk Assessment

- Elements of an emergency response plan: roles, communication, evacuation, and shutdown.
- Conducting site-specific risk assessments.
- Incident command structure and multi-agency coordination.
- Communication strategies during emergencies.
- Evacuation procedures and muster points.

Day 4: Firefighting and Leak Control Techniques

- Fire classes and extinguishing agents for LPG.
- Techniques for cooling and protection of storage vessels.
- Leak control: valve closure, plugging, and patching.
- Use of gas detectors and monitoring equipment.
- Safe approach and defensive firefighting strategies.

Day 5: Tabletop Exercises and Final Assessment

- Tabletop exercise: small-scale LPG leak at a storage facility.
- Tabletop exercise: LPG cylinder fire in a residential area.
- Debrief and critique of response actions.
- Review of key concepts and best practices.
- Final written assessment and course evaluation.

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 **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,700.00	R 17,700.00
1	In-House	R 23,100.00	R 23,100.00
1	On-Campus (Pretoria)	R 26,700.00	R 26,700.00

UPCOMING SESSIONS

Start	End	Method	Venue
05 Oct 2026	09 Oct 2026	On-Campus	Kigali, Rwanda
05 Oct 2026	09 Oct 2026	On-Campus	Bangkok, Thailand
05 Oct 2026	09 Oct 2026	On-Campus	Lusaka, Zambia
05 Oct 2026	09 Oct 2026	Online	—
05 Oct 2026	09 Oct 2026	On-Campus	Windhoek, Namibia
05 Oct 2026	09 Oct 2026	On-Campus	Nairobi, Kenya
05 Oct 2026	09 Oct 2026	On-Campus	Mbabane, Eswatini
12 Oct 2026	16 Oct 2026	On-Campus	London, UK

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-0350) 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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