



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 Installation Inspection

Custom Courses / Liquefied Petroleum Gas

Unit Standard AATICD-0367 · NQF Level 5 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to conduct thorough inspections of LPG installations, ensuring compliance with relevant regulations and safety standards. Participants will learn to identify hazards, verify system integrity, and document inspection findings effectively, contributing to a safer environment.

Category	Custom Courses
Subfield	Liquefied Petroleum Gas
Unit Standard	AATICD-0367
Accreditation	SAQA Accredited · NQF Level 5 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant legislation, standards, and codes of practice to LPG installation inspections.
- Analyze LPG system components and their functions to identify potential risks and non-conformities.
- Evaluate installation integrity through visual inspection, leak detection, and pressure testing procedures.
- Implement systematic inspection checklists and documentation protocols to record findings and recommendations.
- Demonstrate correct use of inspection tools and equipment, including gas detectors and manometers.
- Design and communicate clear inspection reports and corrective action plans to stakeholders.

WHO SHOULD ATTEND

- This course is designed for technicians, inspectors, safety officers, and individuals responsible for the installation, maintenance, or inspection of LPG systems in residential, commercial, or industrial settings.

COURSE OUTLINE

Day 1: Introduction to LPG and Regulatory Framework

- Overview of LPG: composition, properties, and common applications
- South African regulatory framework: SANS 10087, OHS Act, and related regulations
- Duties of inspectors, installers, and users
- Introduction to LPG system components: cylinders, regulators, piping, and appliances
- Basic safety principles and hazard identification
- Documentation and reporting requirements

Day 2: Inspection Procedures and Equipment

- Step-by-step inspection methodology: visual, operational, and testing
- Inspection tools: leak detectors, manometers, gauges, and torque wrenches
- Pressure testing and leak detection techniques
- Evaluating piping, fittings, and flexible hoses
- Inspecting appliance installation, ventilation, and flueing
- Identifying corrosion, mechanical damage, and improper supports
- Recording findings and completing inspection reports

Day 3: Advanced Inspection, Risk Assessment, and Practical Application

- Advanced risk assessment techniques: hazard identification, risk rating, and control measures
- Case studies of non-compliant installations and corrective actions
- Inspection of commercial and industrial LPG systems
- Emergency procedures and incident response
- Communication and reporting to stakeholders
- Review of key concepts and final assessment preparation

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 **6 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 13,900.00	R 13,900.00
1	In-House	R 18,100.00	R 18,100.00
1	On-Campus (Pretoria)	R 20,800.00	R 20,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
30 Sep 2026	02 Oct 2026	In-House	—
30 Sep 2026	02 Oct 2026	On-Campus	Victoria Falls, Zimbabwe
05 Oct 2026	07 Oct 2026	On-Campus	Nairobi, Kenya
05 Oct 2026	07 Oct 2026	On-Campus	Lusaka, Zambia
06 Oct 2026	08 Oct 2026	On-Campus	Kigali, Rwanda
06 Oct 2026	08 Oct 2026	On-Campus	Windhoek, Namibia
06 Oct 2026	08 Oct 2026	On-Campus	Bangkok, Thailand
07 Oct 2026	09 Oct 2026	Online	—

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-0367) 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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