



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

LPG Pressure Testing

Custom Courses / Liquefied Petroleum Gas

Unit Standard AATICD-0358 · NQF Level 5 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely conduct pressure testing on LPG systems, ensuring compliance with relevant regulations and industry standards. Participants will learn to identify hazards, use appropriate testing equipment, and interpret test results to certify system integrity.

Category	Custom Courses
Subfield	Liquefied Petroleum Gas
Unit Standard	AATICD-0358
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 LPG pressure testing procedures in accordance with SANS 10087 and relevant safety regulations.
- Analyze pressure test results to determine system integrity and identify potential leaks or weaknesses.
- Evaluate the suitability of testing equipment and methods for different LPG system configurations.
- Implement safety protocols and risk mitigation measures during pressure testing operations.
- Demonstrate proper documentation and reporting of pressure test outcomes for compliance and audit purposes.

WHO SHOULD ATTEND

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

COURSE OUTLINE

Day 1: Introduction to LPG Properties and Pressure Testing Fundamentals

- Overview of LPG: composition, characteristics, and behaviour
- Legal framework: Pressure Equipment Regulations, SANS 10019, and related standards
- Fundamentals of pressure testing: methods (pneumatic, hydraulic), terminology
- Equipment overview: pressure gauges, pumps, hoses, fittings, relief devices
- Hazard identification and risk assessment for pressure testing
- Personal protective equipment (PPE) and emergency procedures

Day 2: Pressure Testing Procedures and Techniques

- Pre-test preparations: inspection, cleaning, isolation, purging
- Step-by-step pressure testing procedures: filling, pressurizing, holding, releasing
- Pneumatic vs. hydraulic testing: advantages, risks, and applications
- Leak detection methods: soap solution, electronic detectors, pressure decay
- Recording and interpreting test results
- Handling failures: depressurizing, venting, and corrective actions

Day 3: Advanced Applications, Compliance, and Practical Integration

- Testing different system types: cylinders, pipework, tanks, appliances
- Pressure and volume calculations: using gas laws and system data
- Documentation: test certificates, reports, and record keeping
- Post-test procedures: depressurization, purging, and recommissioning
- Review of common faults and troubleshooting
- Preparation for practical assessment and final review

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-0358) 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.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za