



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

Autogas Filling Operations

Custom Courses / Liquefied Petroleum Gas

Unit Standard AATICD-0365 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely and efficiently operate autogas (LPG) filling stations. It covers the principles of autogas, safety protocols, filling procedures, and emergency response, ensuring compliance with South African regulations and industry best practices.

Category	Custom Courses
Subfield	Liquefied Petroleum Gas
Unit Standard	AATICD-0365
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 the principles of autogas (LPG) properties and safe handling procedures.
- Demonstrate correct filling procedures for various autogas vehicles and containers.
- Analyze potential hazards and implement risk mitigation strategies in autogas operations.
- Evaluate and respond effectively to emergency situations, including leaks and fires.
- Implement and maintain compliance with relevant South African regulations and standards.
- Demonstrate proper use and maintenance of autogas filling equipment and safety gear.

WHO SHOULD ATTEND

- This course is designed for operators, technicians, and supervisors involved in autogas filling operations, as well as individuals seeking to enter the LPG industry.

COURSE OUTLINE

Day 1: Introduction to Autogas and Safety Fundamentals

- Overview of autogas (LPG) – composition, characteristics, and applications
- Benefits of autogas as an alternative fuel
- Regulatory framework: SANS standards, OHS Act, and relevant regulations
- Autogas filling station components: storage tanks, dispensers, hoses, nozzles, and safety systems
- Personal protective equipment (PPE) requirements
- Hazard identification and risk assessment in autogas environments
- Emergency response basics: fire, leak, and spill procedures

Day 2: Autogas Properties and Safe Handling

- LPG properties: boiling point, vapour pressure, flammability limits, and odourisation
- Effects of temperature and pressure on LPG
- Safe storage principles: tank design, fill limits, and pressure relief devices
- Safe handling procedures: connecting, disconnecting, and venting
- Housekeeping and preventive maintenance for autogas equipment
- Identification and management of leaks and spills

Day 3: Autogas Dispensing Equipment and Technology

- Types of autogas dispensers: mechanical, electronic, and card-operated
- Dispenser components: flow meters, valves, breakaways, and nozzles
- Operational principles: filling process, vapour recovery, and overfill prevention
- Pre-operational checks and daily inspections
- Routine maintenance: calibration, lubrication, and parts replacement
- Identifying and resolving common faults and malfunctions
- Relevant safety devices and emergency shutdown systems

Day 4: Filling Procedures and Customer Service

- Pre-fill vehicle inspection: tank condition, certification, and compatibility
- Step-by-step filling procedure: positioning, grounding, nozzle connection, and filling
- Safety protocols: no smoking, engine off, and electrostatic discharge prevention
- Overfill protection and automatic shut-off systems
- Customer interaction: communication, handling queries, and safety instructions
- Emergency response during filling: leaks, fires, and vehicle incidents
- Record keeping and documentation of fills

Day 5: Compliance, Auditing, and Integrated Practical Assessment

- Overview of compliance requirements: licensing, permits, and reporting
- Conducting internal audits: checklists, documentation, and corrective actions
- Developing emergency response plans: roles, communication, and drills
- Environmental considerations and waste management
- Review of case studies and incident analysis
- Preparation for practical assessment
- Integrated 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 **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-0365) 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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