



## 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 Legal Requirements & SANS Standards

Custom Courses / Liquefied Petroleum Gas

Unit Standard AATICD-0366 · NQF Level 5 · 6 Credits · 3 Days

## COURSE OVERVIEW

This course provides a comprehensive understanding of the legal requirements and SANS standards governing the safe handling, storage, and use of liquefied petroleum gas (LPG) in South Africa. Participants will gain the knowledge and skills necessary to ensure compliance with relevant legislation, promote workplace safety, and mitigate risks associated with LPG operations.

|                 |                                           |
|-----------------|-------------------------------------------|
| Category        | Custom Courses                            |
| Subfield        | Liquefied Petroleum Gas                   |
| Unit Standard   | AATICD-0366                               |
| 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 the key provisions of the Pressure Equipment Regulations and the LPG safety regulations to workplace scenarios.
- Analyze SANS standards relevant to LPG (e.g., SANS 10087 series) and interpret their requirements for storage, handling, and installations.
- Evaluate the compliance status of an LPG facility against legal and SANS requirements.
- Implement practical measures to ensure compliance and promote a culture of safety in LPG operations.
- Demonstrate the ability to conduct risk assessments and incident investigations related to LPG.
- Design emergency response plans and procedures aligned with legal and SANS requirements.

## WHO SHOULD ATTEND

- This course is designed for health and safety officers, compliance managers, operations supervisors, and technicians involved in the LPG industry, as well as anyone responsible for ensuring regulatory compliance and safe practices in LPG handling and storage.

## COURSE OUTLINE

### Day 1: Legislative Framework and Regulatory Compliance

- Overview of South African legal system and relevant statutes
- Gas Act, 2001 (Act No. 48 of 2001) and its regulations
- Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and Pressure Equipment Regulations
- Petroleum Products Act, 1977 (Act No. 120 of 1977) and LPG regulations
- Licensing, registration, and permits for LPG activities
- Roles of DMRE, NRCS, and local authorities
- Penalties and enforcement for non-compliance
- Case studies of legal violations and consequences

### Day 2: SANS Standards and Technical Requirements

- Introduction to SANS and the standards development process
- SANS 10087 series: The handling, storage, distribution, and maintenance of LPG in bulk
- SANS 10089 series: The installation and maintenance of LPG systems for caravans and mobile homes
- SANS 10086 series: The installation and maintenance of LPG systems for recreational vehicles
- SANS 1156: The requirements for LPG cylinders
- SANS 1243: The requirements for LPG regulators and safety devices
- SANS 1475: The requirements for LPG piping and fittings
- Case studies of non-compliance with SANS standards

### Day 3: Implementation, Risk Management, and Compliance Auditing

- Compliance management systems and documentation
- Risk assessment methodologies (e.g., HAZOP, HIRA) applied to LPG
- Emergency preparedness and response planning
- Incident reporting and investigation
- Compliance auditing: internal and external audits
- Developing and implementing corrective action plans
- Continuous improvement and best practices
- Final assessment and course wrap-up

## 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

No sessions are currently scheduled. Please contact us to arrange a session at a time and location that suits your team.

## HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit [www.aaticd.co.za](http://www.aaticd.co.za), open the page for this course (Unit Standard AATICD-0366) 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](mailto: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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