



PROCESS AND CHEMICAL ENGINEERING

LPG Storage, Handling and Distribution

3 day course

Classroom, online or in-house

Course overview

Liquefied petroleum gas is stored as a liquid and escapes as a vapour that is heavier than air, collects at ground level and finds an ignition source, which is why the rules around it are prescriptive and unforgiving. This course covers the whole chain. Delegates work through product properties and the behaviour of a release, storage vessel types including bullets and spheres with their separation distances, and pressure relief and vapour handling. Cylinder filling, inspection and requalification are covered in detail. Bulk transfer, road tanker loading and delivery to customer installations follow. Fire protection, water deluge and the escalation scenario are addressed. The course closes on emergency response and on the incidents that have shaped current practice.

What you will learn

- Explain product properties and the behaviour of a release
- Describe storage vessel types and their separation requirements
- Operate pressure relief and vapour handling systems
- Run cylinder filling, inspection and requalification
- Carry out bulk transfer and road tanker loading safely
- Apply fire protection and understand the escalation scenario
- Respond to an emergency and apply lessons from past incidents

Who should attend

- LPG depot and filling plant staff
- Distribution and transport personnel
- Safety officers on gas installations
- Engineers designing and inspecting facilities
- Regulators and inspectors

Course outline

- 01 A vapour that collects at ground level
- 02 Product properties and release behaviour
- 03 Storage vessels and separation distances
- 04 Pressure relief and vapour handling
- 05 Cylinder filling and requalification
- 06 Bulk transfer and tanker loading
- 07 Customer installations and delivery
- 08 Fire protection, escalation and emergency response

Upcoming dates

Dates	Venue	Format	Fee per delegate
7 to 9 October 2026	Nairobi, Kenya	Classroom	USD 995
9 to 11 December 2026	Online	Online	R6,500
30 December 2026 to 1 January 2027	Pretoria, South Africa	Classroom	R14,950
22 to 24 February 2027	Johannesburg, South Africa	Classroom	R14,950



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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