



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

Liquid Oxygen Offloading From Tanker To Bulk Storage Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 115579 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills required to safely and efficiently offload liquid oxygen from a tanker into bulk storage. It covers the properties of liquid oxygen, hazard identification, emergency response procedures, and the correct use of personal protective equipment. Successful completion ensures compliance with relevant occupational health and safety regulations and industry best practices.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	115579
Accreditation	SAQA Accredited · NQF Level 2 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply the physical and chemical properties of liquid oxygen to ensure safe handling and storage practices.
- Demonstrate correct procedures for inspecting tanker and storage equipment prior to offloading.
- Implement safe offloading procedures, including connection, transfer, and disconnection operations.
- Analyze potential hazards and risks associated with liquid oxygen offloading and implement appropriate control measures.
- Evaluate emergency scenarios and apply correct response actions, including spill containment and evacuation.
- Demonstrate proper use of personal protective equipment and adherence to safety protocols throughout the offloading process.

WHO SHOULD ATTEND

- This training is designed for operators, technicians, and supervisors involved in the receiving, handling, or storage of liquid oxygen at industrial, medical, or laboratory facilities.
- It is also suitable for safety officers and logistics personnel who oversee or participate in bulk cryogenic transfer operations.

COURSE OUTLINE

Day 1: Safe Offloading of Liquid Oxygen from Tanker to Bulk Storage

- Introduction to liquid oxygen: cryogenic properties, health and safety hazards.
- Personal protective equipment (PPE) and safety precautions.
- Bulk storage system components: tank, piping, valves, pressure relief devices.
- Pre-offloading inspection and tanker connection procedures.
- Offloading procedure: pressure equalization, transfer, monitoring.
- Emergency shutdown and spill response.
- Post-offloading checks and documentation.
- Regulatory compliance and relevant standards (SANS, OHS Act).

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 **4 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
04 Aug 2026	04 Aug 2026	On-Campus	Pretoria, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	05 Aug 2026	On-Campus	Johannesburg, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Mauritius
07 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Mauritius

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 115579) 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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