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

# Tank Farm Operations

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0448 · NQF Level 5 · 4 Credits · 2 Days

## COURSE OVERVIEW

This course equips learners with the knowledge and skills required to safely and efficiently manage tank farm operations, including storage, transfer, and handling of bulk liquids. It focuses on operational procedures, safety protocols, and environmental compliance to minimize risks and ensure regulatory adherence.

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|---|---|
| Category | Custom Courses |
| Subfield | Energy, Oil and Gas |
| Unit Standard | AATICD-0448 |
| Accreditation | SAQA Accredited · NQF Level 5 · 4 Credits |
| Duration | 2 days |
| Training Method | Online, On-Campus, In-House |
| Certificate | Issued via AATICD LMS — verifiable online |

## LEARNING OUTCOMES

- Apply standard operating procedures for tank farm operations, including filling, emptying, and transfer of products.
- Analyze potential hazards and risks associated with tank farm activities and implement appropriate control measures.
- Evaluate the integrity of storage tanks and associated equipment to ensure safe and reliable operation.
- Demonstrate correct emergency response procedures for spills, leaks, fires, and other incidents in a tank farm environment.
- Implement environmental and regulatory compliance measures in accordance with South African legislation.
- Design a routine inspection and maintenance schedule for tank farm equipment to prevent failures and extend asset life.

## WHO SHOULD ATTEND

- This course is designed for operators, supervisors, and technicians working in tank farms, fuel depots, chemical storage facilities, or related industries who are responsible for day-to-day operations and safety.

## COURSE OUTLINE

Day 1: **Introduction to Tank Farm Operations and Safety**

- Overview of tank farm operations and industry context
- Types of storage tanks (fixed roof, floating roof, pressurized) and their applications
- Major components: tanks, pipelines, valves, pumps, and metering systems
- Safety principles: hazard communication, HAZMAT, and emergency response
- Regulatory compliance: SANS codes, OHSA, and environmental regulations
- Introduction to product handling: receiving, storage, and dispatch processes
- Basics of tank farm documentation and record-keeping

Day 2: **Advanced Operations, Maintenance, and Practical Application**

- Advanced product transfer operations: line-up, pigging, and blending
- Inventory management: tank gauging, level measurement, and reconciliation
- Inspection and maintenance: corrosion control, tank cleaning, and calibration
- Risk assessment and management: HAZOP, job safety analysis, and permit-to-work
- Emergency response: spill containment, firefighting, and evacuation
- Environmental compliance: secondary containment and leak detection
- Integration of practical activities and final assessment

## 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 5**.

## PRICING (PER DELEGATE, EX-VAT)

| Delegates | Training Method | Price per Delegate | Total |
|---|---|---|---|
| 1 | Online | R 11,900.00 | **R 11,900.00** |
| 1 | In-House | R 16,100.00 | **R 16,100.00** |
| 1 | On-Campus (Pretoria) | R 17,800.00 | **R 17,800.00** |

## UPCOMING SESSIONS

| Start | End | Method | Venue |
|---|---|---|---|
| 01 Dec 2026 | 02 Dec 2026 | On-Campus | Shenzhen, China |
| 01 Dec 2026 | 02 Dec 2026 | On-Campus | Lagos, Nigeria |
| 02 Dec 2026 | 03 Dec 2026 | On-Campus | Durban, South Africa |
| 03 Dec 2026 | 04 Dec 2026 | On-Campus | Dubai, UAE |
| 07 Dec 2026 | 08 Dec 2026 | On-Campus | Maseru, Lesotho |
| 07 Dec 2026 | 08 Dec 2026 | On-Campus | Kigali, Rwanda |
| 07 Dec 2026 | 08 Dec 2026 | On-Campus | Accra, Ghana |
| 07 Dec 2026 | 08 Dec 2026 | On-Campus | Cape Town, South Africa |

Contact us if no suitable date is listed — on-demand sessions can be arranged for groups.

## HOW TO GET A QUOTATION OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0448) and click **Get A Quotation**. 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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