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

Well Control

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0393 · NQF Level 5 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills required to effectively control and manage well operations, ensuring safety and environmental protection. It covers the principles of well control, including kick detection, shut-in procedures, and well killing methods, to prevent blowouts and other well control incidents.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0393
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 principles of well control to identify and assess potential well control situations.
- Demonstrate the correct procedures for kick detection and well shut-in.
- Analyze different well control methods and select the appropriate one for a given scenario.
- Evaluate the effectiveness of well control equipment and procedures.
- Implement well control plans and respond to emergencies in a timely and effective manner.

WHO SHOULD ATTEND

- This course is designed for drilling crews, well site supervisors, and other personnel involved in drilling operations who require a solid understanding of well control principles and practices.

COURSE OUTLINE

Day 1: **Fundamentals of Well Control**

- Introduction to well control and regulatory requirements
- Causes of kicks: formation pressure, mud weight, swabbing, surging
- Hydrostatic pressure calculations and pressure gradients
- Primary well control: mud weight and mud column
- Secondary well control: BOP equipment and procedures
- Kick indicators and warning signs
- Well control terminology and abbreviations
- Introduction to well control equipment (BOP stack, choke manifold

Day 2: **Kick Detection and Well Shut-In Procedures**

- Kick detection methods: pit gain, flow rate, drilling breaks
- Shut-in procedures: hard shut-in, soft shut-in, and their applications
- Recording and interpreting shut-in pressures
- Well killing principles: constant bottom-hole pressure
- Driller's Method: step-by-step procedure
- Wait and Weight Method: step-by-step procedure
- Choke manifold operation and choke line friction
- Well control drills and crew coordination

Day 3: **Well Control Operations and Advanced Applications**

- Practical application of Driller's Method and Wait and Weight Method
- Handling gas kicks: gas migration and expansion
- Well control in horizontal and extended reach wells
- Subsea well control: BOP stack and riser considerations
- Well control during workover and completion operations
- Snubbing and live well intervention
- Blowout contingency planning and emergency response
- Case studies of well control incidents and lessons learned

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 18,700.00	**R 18,700.00**
1	On-Campus (Pretoria)	R 20,800.00	**R 20,800.00**

UPCOMING SESSIONS

Start	End	Method	Venue
01 Dec 2026	03 Dec 2026	On-Campus	Shenzhen, China
01 Dec 2026	03 Dec 2026	On-Campus	Cape Town, South Africa
02 Dec 2026	04 Dec 2026	On-Campus	Durban, South Africa
02 Dec 2026	04 Dec 2026	On-Campus	Lagos, Nigeria
07 Dec 2026	09 Dec 2026	On-Campus	Maseru, Lesotho
07 Dec 2026	09 Dec 2026	On-Campus	Kigali, Rwanda
07 Dec 2026	09 Dec 2026	On-Campus	Accra, Ghana
07 Dec 2026	09 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-0393) 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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