



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

Confined Space Entry & Rescue

Custom Courses / Health, Safety and Environment (HSE)

Unit Standard AATICD-0303 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the essential knowledge and practical skills to safely enter and work within confined spaces, and to perform rescue operations in emergency situations. It covers legislative compliance, hazard identification, atmospheric testing, and the use of safety and rescue equipment, ensuring that participants can effectively manage risks and respond to incidents.

Category	Custom Courses
Subfield	Health, Safety and Environment (HSE)
Unit Standard	AATICD-0303
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant legislation and regulations governing confined space entry and rescue.
- Analyze potential hazards and risks associated with confined space work.
- Demonstrate the correct use of atmospheric testing and monitoring equipment.
- Implement safe entry procedures and permit-to-work systems.
- Evaluate emergency response plans and execute rescue techniques.
- Design a confined space rescue plan for a simulated scenario.

WHO SHOULD ATTEND

- This course is designed for individuals who work in or around confined spaces, including entry supervisors, safety officers, and rescue team members, as well as those seeking to enhance their occupational health and safety qualifications.

COURSE OUTLINE

Day 1: Introduction to Confined Spaces and Legislation

- Definition and characteristics of a confined space
- Examples of confined spaces (tanks, silos, sewers, pits, pipelines)
- Overview of the Occupational Health and Safety Act (Act 85 of 1993) and regulations
- Permit-to-work systems and legal requirements
- Roles and responsibilities of the entry team
- Hazard identification and risk assessment principles
- Introduction to confined space entry procedures
- Case studies of confined space incidents in South Africa

Day 2: Hazard Identification and Atmospheric Monitoring

- Physical hazards: engulfment, entrapment, mechanical, electrical, thermal
- Chemical hazards: toxic gases, flammable atmospheres, asphyxiants
- Biological and psychological hazards
- Oxygen deficiency and enrichment: acceptable levels and effects
- Toxic gases: carbon monoxide, hydrogen sulphide, benzene
- Flammable atmospheres: LEL/UEL and gas detection
- Types of gas detectors: personal, multi-gas, and continuous monitoring
- Calibration and bump testing of gas monitors
- Pre-entry and ongoing atmospheric testing protocols

Day 3: Entry Procedures and Permit-to-Work Systems

- The permit-to-work system: content, authorization, and duration
- Isolation techniques: mechanical, electrical, and process isolation
- Lockout/tagout procedures and verification
- Cleaning, purging, and ventilation methods
- Entry team communication: radio, hand signals, and emergency codes
- Attendant duties and monitoring entries
- Entry supervisor responsibilities and decision-making
- Human factors: fatigue, complacency, and fitness for duty
- Practical exercise: completing a permit for a simulated entry

Day 4: Emergency Response and Rescue Planning

- Types of confined space emergencies: medical, atmospheric, entrapment, engulfment
- Principles of emergency response: time, capability, and equipment
- Rescue plan components: risk assessment, resources, and procedures
- Non-entry rescue: retrieval systems and techniques
- Entry rescue: use of SCBA, harnesses, and stretchers
- Tripod, davit arm, and winch systems
- First aid considerations and medical surveillance
- Communication during rescue operations
- Tabletop exercise: developing a rescue plan for a scenario

Day 5: Practical Application and Assessment

- Review of key concepts and procedures
- Practical simulation: full confined space entry with permit, monitoring, and communication

- Practical simulation: non-entry rescue using retrieval equipment
- Practical simulation: entry rescue with SCBA and retrieval system
- Debrief and feedback on performance
- Written assessment covering theory
- Final Q&A; and course evaluation
- Certification requirements and record keeping

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 **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,700.00	R 17,700.00
1	In-House	R 23,100.00	R 23,100.00
1	On-Campus (Pretoria)	R 26,700.00	R 26,700.00

UPCOMING SESSIONS

Start	End	Method	Venue
05 Oct 2026	09 Oct 2026	On-Campus	Kigali, Rwanda
05 Oct 2026	09 Oct 2026	On-Campus	Bangkok, Thailand
05 Oct 2026	09 Oct 2026	On-Campus	Lusaka, Zambia
05 Oct 2026	09 Oct 2026	Online	—
05 Oct 2026	09 Oct 2026	On-Campus	Windhoek, Namibia
05 Oct 2026	09 Oct 2026	On-Campus	Nairobi, Kenya
05 Oct 2026	09 Oct 2026	On-Campus	Mbabane, Eswatini
12 Oct 2026	16 Oct 2026	On-Campus	London, UK

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 AATICD-0303) 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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