Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

H_2S Safety and Awareness

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0413 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, assess, and control hydrogen sulfide (H_2S) hazards in the workplace. It covers the properties of H_2S, health effects, detection methods, and emergency response procedures, ensuring compliance with South African health and safety regulations.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0413
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 the properties and characteristics of hydrogen sulfide to identify potential hazards in the workplace.
- Analyze the health effects of H_2S exposure and evaluate exposure limits and monitoring methods.
- Demonstrate the correct use of H_2S detection equipment and interpret readings accurately.
- Implement appropriate control measures to mitigate H_2S risks, including engineering controls, administrative controls, and PPE.
- Evaluate emergency response procedures, including rescue and first aid, for H_2S incidents.
- Design a personal and team response plan for an H_2S release scenario.

WHO SHOULD ATTEND

- This course is designed for employees, supervisors, and safety officers working in industries where H_2S may be present, such as oil and gas, mining, wastewater treatment, and chemical processing.

COURSE OUTLINE

Day 1: Understanding H_2S and Identifying Risks

- Introduction to H_2S: chemical properties, characteristics, and common sources
- Health effects of H_2S exposure: acute and chronic, exposure limits (OEL, IDLH
- H_2S risk assessment: identifying hazardous areas and activities
- Control measures: elimination, engineering controls, administrative controls, PPE
- Detection and monitoring: types of gas detectors, calibration, and alarm responses
- Emergency response: evacuation procedures, rescue considerations, and first aid
- Legal and regulatory requirements (OHSA, SANS, company policies
- Case studies and incident reviews

Day 2: H_2S Safety Practices and Emergency Preparedness

- Practical use of portable and fixed gas detectors: testing, calibration, and interpretation
- Respiratory protection: selection, fit testing, use, and limitations of SCBA and air-purifying respirators
- Emergency response planning: evacuation routes, assembly points, and communication
- Rescue procedures: safe approach, retrieval, and first aid for H_2S exposure
- Permit-to-work systems and H_2S-specific procedures (e.g., gas testing, buddy systems
- Team coordination and incident command in H_2S emergencies
- Review of case studies and lessons learned
- Assessment and course evaluation

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	Victoria Falls, Zimbabwe
01 Dec 2026	02 Dec 2026	On-Campus	Cape Town, South Africa
02 Dec 2026	03 Dec 2026	On-Campus	Shenzhen, China
02 Dec 2026	03 Dec 2026	On-Campus	Lagos, Nigeria
03 Dec 2026	04 Dec 2026	On-Campus	Durban, South Africa
08 Dec 2026	09 Dec 2026	On-Campus	Maseru, Lesotho
08 Dec 2026	09 Dec 2026	On-Campus	Kigali, Rwanda
08 Dec 2026	09 Dec 2026	On-Campus	Accra, Ghana

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-0413) 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.

Accredited Africa Training Institute for Capacity Development
Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za