



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

Energy Health, Safety and Environment

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0551 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips participants with the knowledge and skills to manage energy-related health, safety, and environmental risks in the workplace. It covers hazard identification, risk assessment, and the implementation of control measures to ensure compliance with South African legislation and international best practices.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0551
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 relevant South African legislation and standards to energy health, safety, and environmental management.
- Analyze energy-related hazards and assess associated risks to people, property, and the environment.
- Evaluate the effectiveness of existing health, safety, and environmental control measures in energy settings.
- Implement appropriate risk mitigation strategies and emergency response procedures for energy incidents.
- Demonstrate the ability to conduct incident investigations and report findings in accordance with regulatory requirements.
- Design a basic energy health, safety, and environmental management plan for a workplace.

WHO SHOULD ATTEND

- This course is designed for health and safety officers, environmental managers, energy facility operators, and any professionals responsible for ensuring safe and sustainable energy practices within their organizations.

COURSE OUTLINE

Day 1: Foundations of Energy HSE

- Overview of HSE in the energy industry
- South African legislation: OHS Act, NEMA, MHSA, and relevant regulations
- Hazard identification and risk assessment (HIRA) principles
- Common hazards in energy operations: electrical, thermal, chemical, and ergonomic
- Introduction to environmental management systems (EMS) and ISO 14001
- Emergency preparedness and response basics
- HSE culture and communication
- Incident reporting and investigation fundamentals

Day 2: Applied HSE Management and Integration

- HSE management systems and continuous improvement
- Safety inspections, audits, and performance monitoring
- Environmental impact assessment and mitigation strategies
- Incident investigation techniques and root cause analysis
- Emergency response planning and drill execution
- Contractor management and HSE
- Behavioral safety and human factors
- Case studies in energy HSE failures and successes

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 15,400.00	R 15,400.00
1	On-Campus (Pretoria)	R 17,800.00	R 17,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
29 Sep 2026	30 Sep 2026	On-Campus	Blantyre, Malawi
30 Sep 2026	01 Oct 2026	On-Campus	Mombasa, Kenya
30 Sep 2026	01 Oct 2026	On-Campus	London, UK
01 Oct 2026	02 Oct 2026	On-Campus	Maseru, Lesotho
01 Oct 2026	02 Oct 2026	On-Campus	Victoria Falls, Zimbabwe
05 Oct 2026	06 Oct 2026	On-Campus	Mbabane, Eswatini
05 Oct 2026	06 Oct 2026	On-Campus	Lusaka, Zambia
06 Oct 2026	07 Oct 2026	On-Campus	Bangkok, Thailand

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-0551) 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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