



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@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Energy Asset Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0554 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips participants with the knowledge and skills to effectively manage energy assets within an organisation. It covers the principles of energy management, asset lifecycle planning, and the implementation of energy efficiency measures to reduce costs and environmental impact.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0554
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 energy management principles to identify and prioritise energy-saving opportunities.
- Analyse energy consumption data to evaluate asset performance and identify inefficiencies.
- Design an energy asset management plan that aligns with organisational objectives.
- Implement energy efficiency measures and monitor their effectiveness.
- Evaluate the financial and environmental impact of energy asset management decisions.
- Demonstrate compliance with relevant energy regulations and standards.

WHO SHOULD ATTEND

- This course is designed for facilities managers, energy managers, maintenance supervisors, and operations personnel responsible for the efficient management of energy-consuming assets.

COURSE OUTLINE

Day 1: Foundations of Energy Asset Management

- Introduction to energy asset management: definitions, scope, and benefits
- Energy asset lifecycle: planning, acquisition, operation, maintenance, and disposal
- Legal and regulatory framework: South African energy sector, NERSA, and ISO 55000
- Energy asset types: generation, transmission, distribution, and end-use equipment
- Asset condition assessment techniques: visual inspection, performance monitoring, and data collection
- Risk management principles: identification, analysis, and mitigation strategies
- Introduction to maintenance strategies: reactive, preventive, predictive, and reliability-centered maintenance
- Developing an asset register and maintenance plan: steps and considerations

Day 2: Strategic Implementation and Optimization

- Strategic asset management: aligning asset decisions with business objectives
- Performance measurement and benchmarking: KPIs, balanced scorecard, and industry comparisons
- Data-driven decision making: CMMS, IoT, SCADA, and predictive analytics
- Financial aspects: life cycle costing, capital budgeting, and cost-benefit analysis
- Outsourcing and contract management in asset services
- Sustainability and energy efficiency: integrating renewable energy and carbon footprint reduction
- Change management and stakeholder engagement for asset management implementation
- Case studies and best practices in energy asset management from South African industries

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
30 Sep 2026	01 Oct 2026	On-Campus	Maseru, Lesotho
30 Sep 2026	01 Oct 2026	On-Campus	Victoria Falls, Zimbabwe
01 Oct 2026	02 Oct 2026	In-House	—
01 Oct 2026	02 Oct 2026	On-Campus	Shenzhen, China
05 Oct 2026	06 Oct 2026	On-Campus	Nairobi, Kenya
05 Oct 2026	06 Oct 2026	On-Campus	Bangkok, Thailand
06 Oct 2026	07 Oct 2026	On-Campus	Windhoek, Namibia
07 Oct 2026	08 Oct 2026	Online	—

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-0554) 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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