



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

Engine Room Watchkeeping Procedures for Seagoing Vessels

Services / Transport, Operations and Logistics

Unit Standard 244289 · NQF Level 2 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips marine engineering personnel with the knowledge and skills to perform safe and effective watchkeeping duties in the engine room of a seagoing vessel. Learners will develop the ability to monitor machinery, maintain safety standards, and respond to alarms and emergencies in accordance with international maritime regulations.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	244289
Accreditation	SAQA Accredited · NQF Level 2 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply established watchkeeping procedures to monitor engine room machinery and systems.
- Demonstrate correct response to alarms, malfunctions, and emergency situations in the engine room.
- Implement safety protocols and maintain a safe working environment during watchkeeping duties.
- Analyze engine room logs and instrumentation to ensure operational efficiency and compliance.
- Evaluate machinery performance and report deviations to the engineering officer in charge.
- Communicate effectively with the bridge and other engine room personnel during watchkeeping.

WHO SHOULD ATTEND

- This course is designed for marine engineers, engine room ratings, and other seagoing personnel responsible for engine room watchkeeping on commercial vessels.

COURSE OUTLINE

Day 1: Introduction to Engine Room Watchkeeping

- Overview of STCW conventions and national regulations
- Watchkeeper duties and responsibilities
- Principles of safe watchkeeping
- Communication protocols and procedures
- Introduction to engine room layout and equipment

Day 2: Engine Room Systems and Equipment

- Main engine components and operation
- Auxiliary machinery: pumps, compressors, purifiers
- Lubrication and cooling systems
- Fuel system operation and safety
- Electrical distribution and switchboards
- Boiler and steam systems overview

Day 3: Watchkeeping Procedures and Rounds

- Watchkeeping rounds: frequency and scope
- Monitoring parameters: temperatures, pressures, levels
- Use of engine room logs and checklists
- Identifying and responding to alarms
- Corrective actions for common abnormalities
- Handover procedures between watches

Day 4: Safety, Emergencies, and Pollution Prevention

- Engine room safety culture and practices
- Emergency response: fire, flooding, loss of power
- Fire detection and extinguishing systems
- Oil spill prevention and response
- Use of PPE and safety equipment
- Emergency drills and muster procedures

Day 5: Practical Integration and Assessment

- Simulated watchkeeping exercises
- Integrated scenarios: normal operations, alarms, emergencies
- Assessment of practical skills
- Review of key concepts and procedures
- Feedback 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 **8 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 23,000.00	R 23,000.00
1	In-House	R 29,900.00	R 29,900.00
1	On-Campus (Pretoria)	R 34,500.00	R 34,500.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Pretoria, South Africa

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 244289) 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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