



## 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

# Marine Rigging Operations Onboard Vessel Procedures Training

Services / Transport, Operations and Logistics

Unit Standard 113998 · NQF Level 3 · 8 Credits · 5 Days

## COURSE OVERVIEW

This course equips learners with the knowledge and practical skills required to perform marine rigging operations safely and effectively onboard vessels. It covers the planning, execution, and supervision of rigging tasks in accordance with South African maritime regulations and international best practices.

|                 |                                           |
|-----------------|-------------------------------------------|
| Category        | Services                                  |
| Subfield        | Transport, Operations and Logistics       |
| Unit Standard   | 113998                                    |
| Accreditation   | SAQA Accredited · NQF Level 3 · 8 Credits |
| Duration        | 5 days                                    |
| Training Method | Online, On-Campus, In-House               |
| Certificate     | Issued via AATICD LMS – verifiable online |

## LEARNING OUTCOMES

- Apply relevant legislation, codes of practice, and safety standards to marine rigging operations.
- Demonstrate the correct selection, inspection, and maintenance of rigging equipment and gear.
- Plan and execute rigging operations including lifting, moving, and securing loads onboard a vessel.
- Analyze and mitigate risks associated with marine rigging activities using hazard identification and risk assessment techniques.
- Evaluate the integrity of rigging systems and components to ensure safe load handling.
- Implement emergency procedures and respond effectively to rigging-related incidents.

## WHO SHOULD ATTEND

- The course is designed for riggers, deck crew, and marine operations personnel working on vessels in the South African maritime industry, including offshore supply vessels, fishing trawlers, and cargo ships.

## COURSE OUTLINE

### Day 1: Introduction to Marine Rigging and Safety

- Overview of marine rigging operations and vessel procedures
- Introduction to Unit Standard 113998
- Legal framework: OHS Act, SANS, and marine regulations
- Hazard identification and risk assessment in rigging
- Personal protective equipment (PPE) for marine rigging
- Safe work permits and lock-out/tag-out procedures
- Communication protocols and hand signals

### Day 2: Rigging Equipment, Inspection, and Maintenance

- Types of wire rope, synthetic slings, and chain slings
- Shackles, hooks, eyebolts, turnbuckles, and spreader bars
- Inspection techniques: visual, tactile, and dimensional checks
- Rejection criteria and colour coding systems
- Maintenance schedules and lubrication
- Storage practices to prevent corrosion and damage
- Manufacturer specifications and load ratings

### Day 3: Load Calculations, Slings, and Lifting Techniques

- Load weight estimation and centre of gravity
- SWL vs WLL: definitions and application
- Sling angle factors and reduction in capacity
- Basket hitch, choker hitch, and bridle configurations
- Tag lines and load control during lifts
- Hand signals and voice communication with crane operators
- Pre-lift planning and lift zone management

### Day 4: Vessel-Specific Rigging Procedures and Critical Lifts

- Vessel motion compensation and sea state considerations
- Rigging in confined spaces and over water
- Lift plan development: risk assessment, method statement
- Critical lift criteria and approval processes
- Personnel lifting: man basket design and safety requirements
- Deck loading and securing loads for sea transport
- Emergency procedures for rigging failures

### Day 5: Practical Application and Assessment

- Review of key learning points
- Practical exercise: inspect and select rigging gear
- Practical exercise: sling a load using correct techniques
- Practical exercise: execute a simple lift with communication
- Written assessment covering theory
- Feedback and close-out

## 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 3**.

## 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](http://www.aaticd.co.za), open the page for this course (Unit Standard 113998) 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](mailto: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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