



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

Conduct Maritime Rigging Operations Training

Services / Transport, Operations and Logistics

Unit Standard 119844 · NQF Level 3 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely and effectively conduct maritime rigging operations. It covers the selection, inspection, and use of rigging equipment, load calculations, and adherence to relevant safety regulations. Successful completion enables learners to perform rigging tasks in a maritime environment with due regard for safety and operational efficiency.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	119844
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 maritime rigging operations.
- Select, inspect, and maintain rigging equipment in accordance with manufacturer specifications and industry requirements.
- Calculate safe working loads and determine appropriate rigging configurations for given loads.
- Demonstrate correct procedures for slinging, lifting, and moving loads using various rigging techniques.
- Evaluate potential hazards and implement control measures to ensure safe rigging operations.
- Communicate effectively with team members and crane operators during rigging activities.

WHO SHOULD ATTEND

- This course is designed for riggers, deck crew, and maritime personnel who are responsible for lifting and moving heavy loads on ships, offshore platforms, or in port environments.
- It is also suitable for supervisors seeking to enhance their understanding of safe rigging practices.

COURSE OUTLINE

Day 1: Introduction to Maritime Rigging and Safety

- Overview of SAQA unit standard 119844 and relevant legislation.
- Types of rigging equipment: slings, shackles, hooks, wire ropes, and chains.
- Load capacity and safe working load (SWL) concepts.
- Hazard identification and risk assessment in rigging.
- PPE requirements and inspection procedures.
- Safety signs, signals, and communication protocols.
- Introduction to rigging plans and documentation.
- Case studies of rigging incidents and lessons learned.

Day 2: Rigging Hardware and Inspection Techniques

- Detailed study of wire rope construction, lay, and end terminations.
- Synthetic slings: types, ratings, and inspection criteria.
- Shackles, hooks, turnbuckles, and eye bolts: selection and inspection.
- Chain slings: grades, wear limits, and certification.
- Load calculation exercises: weight estimation and centre of gravity.
- Inspection checklists and record-keeping.
- Hands-on practical: equipment inspection and tagging.
- Maintenance and storage best practices.

Day 3: Lifting Principles and Rigging Configurations

- Mechanical principles: leverage, centre of gravity, and stability.
- Sling angle factor calculations and capacity reduction.
- Types of hitches: vertical, bridle, choker, and basket.
- Multi-leg bridle configurations and load distribution.
- Tag lines and load control techniques.
- Hand signals and communication during lifts.
- Practical exercise: rigging a load for a simulated lift.
- Introduction to lifting gear certification and colour coding.

Day 4: Advanced Rigging Operations and Equipment

- Winch and hoist types: hand, electric, pneumatic, and hydraulic.
- Crane signals and communication with crane operators.
- Tandem and multi-crane lifts: planning and execution.
- Offshore rigging considerations: corrosion, motion, and weather.
- Critical lift plans and permit-to-work systems.
- Dynamic and static load testing procedures.
- Practical: rigging a load using winch and hoist.
- Emergency procedures for rigging failures.

Day 5: Integrated Practical Assessment and Certification

- Review of key concepts and Q&A; session.
- Practical assessment: plan and execute a multi-stage lift.
- Equipment inspection and certification documentation.
- Lift plan submission and review.
- Simulated emergency response scenario.

- Final written assessment (if required).
- Feedback and individual coaching.
- Issue of certificates of competence.

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
03 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
03 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Mauritius
03 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, 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 119844) 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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