



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

Mobile Crane Delivery Requirements Knowledge Training

Physical Planning and Construction / Civil Engineering Construction

Unit Standard 115903 · NQF Level 2 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the essential knowledge required for the safe delivery and setup of mobile cranes. It covers regulatory requirements, site assessment, and communication protocols to ensure compliance with South African health and safety legislation. Successful completion enables learners to contribute to a safe working environment during crane delivery operations.

Category	Physical Planning and Construction
Subfield	Civil Engineering Construction
Unit Standard	115903
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

- Demonstrate knowledge of legal and regulatory requirements for mobile crane delivery, including the Occupational Health and Safety Act and relevant SANS standards.
- Apply procedures for conducting a pre-delivery site assessment to identify hazards and ensure safe access and setup.
- Evaluate load charts and delivery documentation to confirm crane specifications and load limitations.
- Implement communication protocols and signals between delivery team members during crane offloading and positioning.
- Analyze potential risks associated with ground conditions, overhead obstructions, and weather during crane delivery.
- Demonstrate proper use of personal protective equipment (PPE) and emergency response procedures.

COURSE OUTLINE

Day 1: Introduction to Mobile Crane Delivery Requirements and Regulatory Framework

- Overview of mobile crane types and applications.
- Legal framework: OHS Act, Driven Machinery Regulations, SANS standards.
- Roles: operator, rigger, supervisor, and site manager.
- Pre-delivery documentation: risk assessments, method statements.
- Delivery planning fundamentals.
- Introduction to load charts and capacity limits.
- Communication protocols during delivery.
- Case study: common delivery incidents.

Day 2: Site Assessment and Preparation for Mobile Crane Delivery

- Site survey techniques: soil compaction, overhead obstructions.
- Ground bearing pressure calculations.
- Determining crane positioning and outrigger placement.
- Establishing exclusion zones and traffic management.
- Utility location and avoidance.
- Weather considerations and their impact.
- Documenting site conditions.
- Practical exercise: site assessment checklist.

Day 3: Load Characteristics, Rigging, and Lifting Equipment

- Load weight estimation and calculation methods.
- Centre of gravity and its effect on stability.
- Sling angles, tension, and capacity reduction.
- Rigging hardware: shackles, slings, hooks, spreader beams.
- Pre-use inspection of rigging equipment.
- Load chart reading and configuration.
- Hand signals and communication.
- Practical: rigging a typical load.

Day 4: Crane Setup, Operation, and Lifting Procedures

- Crane setup sequence: levelling, outrigger extension, counterweights.
- Pre-operational checks and start-up procedures.
- Lift planning: lift zones, crane travel path.
- Load control: hoisting, slewing, booming.
- Stability monitoring: load moment indicators.
- Emergency procedures: power failure, wind gusts.
- Communication during the lift.
- Practical exercise: supervised lift operation.

Day 5: Post-Delivery Procedures, Documentation, and Assessment

- Post-lift inspection of crane and rigging.
- Maintenance logs and defect reporting.
- Delivery completion documentation.
- Record keeping for compliance.
- Review of key learning points.

- Written assessment.
- Practical assessment: full delivery cycle.
- Feedback and certification guidance.

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
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 115903) 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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