



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

COURSE BROCHURE

Supervise And Control The Use Of Construction Plant And Equipment Training

Physical Planning and Construction / Civil Engineering Construction

Unit Standard 119533 · NQF Level 3 · 9 Credits · 6 Days

COURSE OVERVIEW

This course equips supervisors with the skills to oversee and control the use of construction plant and equipment on site. It focuses on ensuring compliance with safety regulations, optimizing equipment performance, and minimizing risks. Participants will learn to implement effective supervision strategies to enhance productivity and safety.

Category	Physical Planning and Construction
Subfield	Civil Engineering Construction
Unit Standard	119533
Accreditation	SAQA Accredited · NQF Level 3 · 9 Credits
Duration	6 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant legislation and safety standards to supervise the use of construction plant and equipment.
- Analyze operational risks and implement control measures to ensure safe equipment usage.
- Demonstrate effective communication and coordination with operators and other site personnel.
- Evaluate equipment performance and maintenance schedules to optimize productivity.
- Implement incident reporting and emergency response procedures for plant and equipment.
- Design supervision plans that align with project requirements and safety protocols.

WHO SHOULD ATTEND

- This course is designed for construction supervisors, foremen, and site managers responsible for overseeing plant and equipment operations.
- It is also suitable for safety officers and team leaders seeking to improve their supervisory capabilities in construction environments.

COURSE OUTLINE

Day 1: Introduction to Construction Plant and Equipment Management

- Overview of construction plant and equipment categories
- Legal framework: OHS Act, Construction Regulations, SANS codes
- Supervisor duties: planning, coordination, and compliance
- Types of plant: earthmoving, lifting, compaction, concrete equipment
- Introduction to risk assessment and hazard identification
- Documentation: operator licences, logbooks, and maintenance records

Day 2: Pre-Operational Checks and Maintenance Planning

- Daily, weekly, and monthly inspection checklists
- Fluid levels, tyre pressures, brake systems, and safety devices
- Maintenance planning: preventive vs. reactive maintenance
- Reporting defects: communication channels and urgency levels
- Logbook management and digital tracking tools
- Case study: analysing a maintenance failure

Day 3: Safe Operation and Operator Competency

- Operator competence assessment: licences, training records, and practical tests
- Safe operating procedures: start-up, operation, shutdown
- Site-specific risk controls: excavations, slopes, power lines
- Permit-to-work systems for high-risk activities
- Supervision of multiple equipment on congested sites
- Communication methods: hand signals, radios, and spotters

Day 4: Monitoring Performance and Productivity

- Key performance indicators: utilisation rate, fuel consumption, cycle times
- Telematics: real-time tracking, geofencing, and diagnostics
- Productivity analysis: idle time, delays, and bottlenecks
- Fuel management: theft prevention, efficient driving techniques
- Cost per hour calculations and budgeting
- Case study: improving productivity on a road construction site

Day 5: Incident Management and Emergency Procedures

- Emergency response plans: fire, rollover, collision, entrapment
- First aid and rescue considerations for plant incidents
- Root cause analysis techniques: 5 Whys, fishbone diagram
- Breakdown procedures: isolation, lockout/tagout, towing
- Incident reporting: forms, timelines, and legal obligations
- Lessons learned and continuous improvement

Day 6: Integration, Assessment, and Certification

- Review of key concepts and integration exercise
- Practical assessment: supervisor scenario simulation
- Written assessment: knowledge test covering all days
- Feedback session and corrective guidance
- Certification process: portfolio of evidence, sign-off

- Action planning: applying learning to own work environment

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 **9 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 25,600.00	R 25,600.00
1	In-House	R 33,300.00	R 33,300.00
1	On-Campus (Pretoria)	R 38,400.00	R 38,400.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	10 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	10 Aug 2026	On-Campus	Lagos, Nigeria
04 Aug 2026	11 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	12 Aug 2026	On-Campus	Mauritius
06 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
07 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	17 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	18 Aug 2026	On-Campus	Mauritius

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 119533) 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.

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 · WhatsApp: +27 65 077 6310 · apply@aatid.co.za · www.aatid.co.za