



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

Equipment Maintenance Monitoring And Control Procedures Training

Services / Cleaning, Domestic, Hiring, Property and Rescue Services

Unit Standard 115877 · NQF Level 4 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to monitor and control equipment maintenance procedures in a manufacturing or engineering environment. It covers the development of maintenance schedules, monitoring techniques, and corrective actions to ensure equipment reliability and compliance with organisational standards.

Category	Services
Subfield	Cleaning, Domestic, Hiring, Property and Rescue Services
Unit Standard	115877
Accreditation	SAQA Accredited · NQF Level 4 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply maintenance monitoring techniques to track equipment performance and identify deviations.
- Analyze maintenance data to determine root causes of equipment failures and inefficiencies.
- Evaluate the effectiveness of existing maintenance control procedures and recommend improvements.
- Implement corrective and preventive maintenance actions based on monitoring results.
- Demonstrate the ability to maintain accurate maintenance records and reports.
- Design basic maintenance schedules aligned with organisational policies and equipment specifications.

WHO SHOULD ATTEND

- This course is designed for maintenance supervisors, team leaders, and technical staff responsible for overseeing equipment maintenance activities in industrial or manufacturing settings.

COURSE OUTLINE

Day 1: Fundamentals of Equipment Maintenance Monitoring and Control

- Introduction to equipment maintenance management.
- Types of maintenance: reactive, preventive, predictive, proactive.
- Maintenance monitoring techniques: visual inspection, condition monitoring, performance data.
- Fundamentals of control procedures: scheduling, work orders, documentation.
- Regulatory framework and compliance requirements.
- Roles and responsibilities of maintenance personnel.
- Overview of maintenance planning and scheduling.

Day 2: Monitoring Techniques and Data Analysis for Maintenance Control

- Detailed condition monitoring methods.
- Data collection and logging procedures.
- Statistical process control for maintenance.
- Root cause analysis and fault diagnosis.
- Maintenance performance metrics: MTBF, MTTR, OEE.
- Creating and updating maintenance plans.
- Work order management and prioritisation.
- Case studies: analysing real-world monitoring data.

Day 3: Integration, Optimisation, and Practical Application

- Total Productive Maintenance (TPM) and reliability-centred maintenance (RCM).
- Computerised maintenance management systems (CMMS).
- Auditing maintenance practices and identifying gaps.
- Cost-benefit analysis of maintenance interventions.
- Developing a maintenance improvement plan.
- Reporting and documentation best practices.
- Group exercise: creating a maintenance control procedure for a given scenario.
- Course review and assessment.

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 **6 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,900.00	R 17,900.00
1	In-House	R 23,300.00	R 23,300.00
1	On-Campus (Pretoria)	R 26,800.00	R 26,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	12 Aug 2026	On-Campus	Mauritius
11 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	19 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	19 Aug 2026	On-Campus	Abu Dhabi, UAE

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 115877) 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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