



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

Core Manufacturing Monitoring and Control for Pulp and Paper

Manufacturing, Engineering and Technology / Engineering and Related Design

Unit Standard 256238 · NQF Level 2 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills to monitor and control the manufacturing process of cores used in the pulp and paper industry. Participants will learn to ensure quality, efficiency, and safety in core production, aligning with industry standards and organisational requirements.

| | |
|-----------------|---|
| Category | Manufacturing, Engineering and Technology |
| Subfield | Engineering and Related Design |
| Unit Standard | 256238 |
| Accreditation | SAQA Accredited · NQF Level 2 · 3 Credits |
| Duration | 1 day |
| Training Method | Online, On-Campus, In-House |
| Certificate | Issued via AATICD LMS – verifiable online |

LEARNING OUTCOMES

- Apply principles of core manufacturing to monitor production processes effectively.
- Analyze process parameters to identify deviations and implement corrective actions.
- Evaluate core quality against specifications using appropriate measurement techniques.
- Implement control measures to optimize production efficiency and minimise waste.
- Demonstrate compliance with health, safety, and environmental regulations during core manufacturing.

WHO SHOULD ATTEND

- This course is designed for production supervisors, machine operators, and quality control personnel in the pulp and paper industry who are responsible for core manufacturing processes.

COURSE OUTLINE

Day 1: Fundamentals of Pulp and Paper Manufacturing Monitoring

- Overview of pulp and paper manufacturing stages (pulping, bleaching, papermaking)
- Critical process variables: temperature, pressure, consistency, flow, pH
- Sensors and transmitters: types, principles, and selection
- Control loops: feedback, feedforward, cascade control
- Data acquisition and display: SCADA, DCS basics
- Alarm management and response procedures
- Quality control: online vs. lab measurements
- Safety protocols for monitoring and control tasks

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 **3 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

| Delegates | Training Method | Price per Delegate | Total |
|-----------|----------------------|--------------------|-------------|
| 1 | Online | R 12,800.00 | R 12,800.00 |
| 1 | In-House | R 16,600.00 | R 16,600.00 |
| 1 | On-Campus (Pretoria) | R 19,200.00 | R 19,200.00 |

UPCOMING SESSIONS

| Start | End | Method | Venue |
|-------------|-------------|-----------|-------------------|
| 18 Jun 2026 | 18 Jun 2026 | Online | – |
| 19 Jun 2026 | 19 Jun 2026 | On-Campus | Windhoek, Namibia |
| 22 Jun 2026 | 22 Jun 2026 | On-Campus | Maseru, Lesotho |
| 23 Jun 2026 | 23 Jun 2026 | On-Campus | Nairobi, Kenya |
| 24 Jun 2026 | 24 Jun 2026 | On-Campus | Mbabane, Eswatini |
| 25 Jun 2026 | 25 Jun 2026 | On-Campus | Mombasa, Kenya |
| 25 Jun 2026 | 25 Jun 2026 | On-Campus | Windhoek, Namibia |
| 26 Jun 2026 | 26 Jun 2026 | In-House | – |

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

Accredited Africa Training Institute for Capacity Development
Unit F0409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za