



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

Metallised Paper Embossing Unit Maintenance Procedures Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 117618 · NQF Level 4 · 5 Credits · 2 Days

COURSE OVERVIEW

This course provides comprehensive training on the maintenance procedures for metallised paper embossing units. Participants will gain the knowledge and skills necessary to perform routine maintenance, troubleshoot common issues, and ensure optimal performance of embossing equipment in a manufacturing environment.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	117618
Accreditation	SAQA Accredited · NQF Level 4 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify and describe the key components of a metallised paper embossing unit and their functions.
- Demonstrate correct procedures for daily, weekly, and monthly maintenance tasks.
- Analyze common faults and malfunctions and implement corrective actions.
- Apply safety protocols and use personal protective equipment during maintenance activities.
- Evaluate the condition of embossing rollers and adjust pressure settings as required.
- Document maintenance activities and report deviations from standard procedures.

WHO SHOULD ATTEND

- This course is designed for machine operators, maintenance technicians, and production supervisors involved in the operation and upkeep of metallised paper embossing units.

COURSE OUTLINE

Day 1: Fundamentals of Metallised Paper Embossing Unit Maintenance

- Overview of metallised paper embossing process and equipment.
- Key components: embossing rollers, anvils, heating elements, and tension controls.
- Safety procedures: PPE, lockout/tagout, and emergency stops.
- Inspection of roller surfaces for wear, nicks, and debris.
- Checking and adjusting nip pressure and roller parallelism.
- Lubrication points and recommended lubricants.
- Cleaning methods for rollers and anvils.
- Maintenance log entry requirements and documentation.

Day 2: Advanced Troubleshooting and Preventive Maintenance Integration

- Troubleshooting flowchart for embossing defects (e.g., ghosting, tearing).
- Step-by-step roller replacement and alignment procedure.
- Bearing inspection and replacement criteria.
- Temperature controller calibration and sensor verification.
- Pressure system adjustments: hydraulic vs. pneumatic.
- Creating a preventive maintenance checklist.
- Root cause analysis using the 5 Whys technique.
- Final assessment: practical maintenance scenario and report writing.

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 **5 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
11 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	12 Aug 2026	On-Campus	Mauritius
13 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	18 Aug 2026	On-Campus	Pretoria, South Africa
17 Aug 2026	18 Aug 2026	On-Campus	Durban, 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 117618) 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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