



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

Isa Process Copper Stripping From Stainless Steel Cathodes Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110168 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills required to safely and efficiently strip copper from stainless steel cathodes using the Isa Process. It covers the principles of electrowinning, stripping techniques, and quality control measures to ensure high-purity copper recovery.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110168
Accreditation	SAQA Accredited · NQF Level 2 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply the principles of the Isa Process to strip copper from stainless steel cathodes.
- Demonstrate safe handling and operation of stripping equipment and tools.
- Evaluate cathode quality and identify defects or contamination.
- Implement quality control procedures to ensure copper purity standards.
- Analyze process parameters to optimize stripping efficiency and minimize waste.

WHO SHOULD ATTEND

- This training is designed for process operators, technicians, and supervisors working in copper electrowinning plants who are responsible for cathode stripping operations.

COURSE OUTLINE

Day 1: Isa Process Copper Stripping Fundamentals and Practical Application

- Overview of the Isa process and copper electrowinning
- Properties of stainless steel cathodes and copper deposition
- Safety hazards, risk assessment, and PPE requirements
- Stripping equipment: mechanical strippers, manual tools, and handling systems
- Step-by-step stripping procedure: preparation, stripping, and inspection
- Quality control: visual inspection, edge defects, and copper sheet integrity
- Troubleshooting common stripping problems: sticking, tearing, and contamination
- Housekeeping and waste management in the stripping area

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 **4 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
03 Aug 2026	03 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	03 Aug 2026	On-Campus	Lagos, Nigeria
04 Aug 2026	04 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Mauritius
06 Aug 2026	06 Aug 2026	On-Campus	Cape Town, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	10 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	11 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 110168) 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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