



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

Linear Screen Material Separation Techniques Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110379 · NQF Level 2 · 3 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to apply linear screen material separation techniques in industrial settings. Participants will understand the principles of screening, material classification, and equipment operation to optimize separation processes. The training emphasizes safety, efficiency, and quality control in material handling.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110379
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 linear screen separation techniques to classify materials by size.
- Demonstrate correct setup and adjustment of screen parameters for optimal performance.
- Analyze screen performance data to identify inefficiencies and recommend improvements.
- Evaluate material characteristics to select appropriate screen media and configurations.
- Implement safety procedures and maintain equipment to prevent operational hazards.
- Interpret screening results and make adjustments to meet product specifications.

WHO SHOULD ATTEND

- This course is designed for process operators, plant technicians, and production supervisors involved in mineral processing, recycling, or bulk material handling.
- It is also suitable for maintenance personnel who need to understand screen operation and troubleshooting.

COURSE OUTLINE

Day 1: Fundamentals of Linear Screen Material Separation

- Introduction to material separation and role of linear screens.
- Principles of screening: stratification, probability, and blinding.
- Types of linear screens: vibrating, banana, and horizontal screens.
- Screen media options: woven wire, polyurethane, and rubber.
- Factors influencing screening efficiency: amplitude, frequency, and slope.
- Operational parameters: feed distribution, bed depth, and moisture content.
- Safety protocols for screen operation and maintenance.
- Common issues and troubleshooting: pegging, blinding, and mechanical failures.

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
31 Jul 2026	31 Jul 2026	On-Campus	Dar es Salaam, Tanzania
03 Aug 2026	03 Aug 2026	On-Campus	Johannesburg, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Mauritius
05 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	10 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 110379) 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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