



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

Repair Material Separating and Classifying Equipment

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 253358 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills to repair material separating and classifying equipment used in mining and industrial processes. Participants will learn to diagnose faults, perform mechanical repairs, and ensure equipment operates efficiently and safely. The course aligns with the SAQA unit standard 253358 and focuses on practical maintenance techniques.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	253358
Accreditation	SAQA Accredited · NQF Level 2 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply safe work practices and lock-out procedures when repairing material separating and classifying equipment.
- Diagnose mechanical faults in equipment such as screens, cyclones, and classifiers using appropriate testing methods.
- Dismantle, repair, and reassemble components according to manufacturer specifications and industry standards.
- Adjust equipment settings to achieve optimal separation and classification performance.
- Complete maintenance records and report on repair activities in compliance with organisational procedures.

WHO SHOULD ATTEND

- This course is designed for maintenance technicians, millwrights, and artisans working in mineral processing, mining, or manufacturing environments who are responsible for repairing separating and classifying equipment.

COURSE OUTLINE

Day 1: Fundamentals of Separating and Classifying Equipment

- Overview of material separation and classification processes
- Types of equipment: vibrating screens, hydrocyclones, spiral classifiers
- Key components and wear parts (screening media, liners, impellers)
- Operational parameters: feed rate, particle size, density, and viscosity
- Common faults: blinding, plugging, wear, and imbalance
- Safety procedures for repair and maintenance
- Basic repair techniques: replacement of wear parts, tensioning screens
- Quality control and inspection after repair

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 **2 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	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	Durban, South Africa
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 253358) 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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