



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

Platinum Group Metal Residue Blending Techniques Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110377 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to blend platinum group metal (PGM) residues effectively, ensuring optimal recovery and quality. It covers blending techniques, material handling, and quality control to meet industry standards. The training is designed to enhance operational efficiency and compliance in PGM processing environments.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110377
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 blending principles to combine PGM residues according to specified ratios and quality requirements.
- Analyze residue characteristics to determine appropriate blending methods and equipment.
- Demonstrate safe handling and storage procedures for PGM residues in compliance with health and safety regulations.
- Evaluate blended product quality using standard testing methods and adjust processes accordingly.
- Implement record-keeping procedures to document blending activities and traceability.
- Troubleshoot common blending issues to maintain consistent output quality.

WHO SHOULD ATTEND

- The course is intended for process operators, metallurgical technicians, and supervisors working in PGM refining or smelting operations who are involved in residue blending and processing.

COURSE OUTLINE

Day 1: Principles and Techniques of PGM Residue Blending

- Overview of PGM residues: sources, composition, and variability.
- Blending objectives: homogenisation, grade control, and metallurgical stability.
- Mass balance calculations and blending ratio determination.
- Equipment for blending: mixers, conveyors, and storage systems.
- Sampling techniques and sample preparation for analysis.
- Quality control: monitoring blend consistency and adjusting parameters.
- Safety and environmental considerations in residue handling.
- Case studies: successful blending operations in the PGM industry.

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

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 110377) 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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