



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

Diamond Boiling Process For Impurity Removal Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110206 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to effectively apply the diamond boiling process for impurity removal in diamond processing operations. Participants will understand the principles of boiling, safety protocols, and quality control measures to ensure optimal diamond purity and value.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110206
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 diamond boiling process to remove impurities while maintaining diamond integrity.
- Analyze the chemical and physical principles underlying impurity removal during boiling.
- Implement safety procedures and emergency protocols specific to the boiling process.
- Evaluate the effectiveness of the boiling process through visual inspection and quality checks.
- Demonstrate proper handling and disposal of chemicals used in the boiling process.

WHO SHOULD ATTEND

- This course is designed for diamond processing technicians, plant operators, and quality control personnel in the diamond industry who are involved in or responsible for the boiling process.

COURSE OUTLINE

Day 1: Diamond Boiling Process Fundamentals

- Introduction to diamond impurity removal and the boiling process
- Chemistry of boiling: acids and reagents used
- Equipment overview: boiling vessels, heating sources, fume extraction
- Step-by-step boiling procedure: loading, heating, monitoring, rinsing
- Safety protocols: PPE, acid handling, emergency response
- Quality control: inspection after boiling, common issues
- Environmental and waste disposal considerations
- Integration into broader diamond processing chain

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 110206) 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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