



## 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](mailto:apply@aaticd.co.za) · Website: [www.aaticd.co.za](http://www.aaticd.co.za)

### COURSE BROCHURE

# Blasting Operations Support for Mining

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 252754 · NQF Level 2 · 4 Credits · 1 Day

## COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely and effectively support blasting operations in a mining environment. It covers the preparation, execution, and post-blast procedures, ensuring compliance with legal and safety requirements in the South African mining industry.

|                 |                                           |
|-----------------|-------------------------------------------|
| Category        | Manufacturing, Engineering and Technology |
| Subfield        | Fabrication and Extraction                |
| Unit Standard   | 252754                                    |
| 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 relevant legislation, codes of practice, and safety standards governing blasting operations in mining.
- Prepare blast sites and equipment in accordance with standard operating procedures and safety protocols.
- Demonstrate correct procedures for handling, transporting, and storing explosives and accessories.
- Implement blast monitoring and post-blast inspection techniques to ensure area safety and identify misfires.
- Analyze blast results and report deviations or incidents to the responsible blasting officer.
- Evaluate risk factors associated with blasting operations and apply appropriate control measures.

## WHO SHOULD ATTEND

- This course is designed for mining personnel who assist in or support blasting operations, including miners, safety officers, and supervisors who require a thorough understanding of blasting support activities.

## COURSE OUTLINE

### Day 1: Blasting Operations Support Fundamentals

- Overview of mining blasting operations and support roles
- Legal framework: Mine Health and Safety Act, explosives regulations
- Types of explosives: ANFO, emulsion, cartridge explosives
- Initiation systems: detonators, shock tube, electronic blasting
- Blast area security: signage, barricades, access control
- Communication protocols: blast warnings, all-clear signals
- Pre-blast checks: equipment, explosives handling, personnel safety
- Environmental considerations: dust, vibration, flyrock

## 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 | 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](http://www.aaticd.co.za), open the page for this course (Unit Standard 252754) 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](mailto: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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