



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

Charge Shot Holes With Cartridged Explosives And Accessories Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 119098 · NQF Level 2 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the competencies required to safely and effectively charge shot holes with cartridged explosives and accessories in a mining or quarrying environment. Participants will gain the knowledge and practical skills to handle, prepare, and initiate explosive charges in compliance with relevant legislation and safety standards.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	119098
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

- Demonstrate knowledge of the legal and safety requirements for handling and using cartridged explosives and accessories.
- Apply correct procedures for selecting, inspecting, and preparing cartridged explosives and accessories for charging.
- Implement safe charging techniques for shot holes, including stemming and initiation sequence setup.
- Analyze potential hazards and risks associated with explosive charging and apply appropriate control measures.
- Evaluate the condition of explosives and accessories before and after charging to ensure safe disposal or use.

WHO SHOULD ATTEND

- This training is designed for individuals working in the mining, quarrying, or construction industries who are responsible for drilling and blasting operations, including blast assistants, miners, and shotfirers.

COURSE OUTLINE

Day 1: Fundamentals of Charging Shot Holes with Cartridged Explosives and Accessories

- Introduction to cartridged explosives: types, properties, and applications.
- Legal framework: Mine Health and Safety Act, Explosives Act, and relevant regulations.
- Safety precautions: PPE, handling, transport, and storage of explosives.
- Tools and accessories: primers, detonators, stemming materials, and charging equipment.
- Step-by-step procedure for charging a shot hole: preparation, loading, and tamping.
- Initiation systems: non-electric, electric, and electronic detonators.
- Stemming techniques and blast design basics.
- Emergency procedures: misfires, unexploded explosives, and incident reporting.

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
10 Aug 2026	10 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Dubai, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
14 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	17 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	17 Aug 2026	On-Campus	Dubai, 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 119098) 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.

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 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za