



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@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Explosives and Munitions Disposal Procedures

Law, Military Science and Security / Safety in Society

Unit Standard 257281 · NQF Level 5 · 9 Credits · 6 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely dispose of explosives and munitions in compliance with South African legislative requirements. Participants will understand classification, handling, storage, and destruction procedures to minimize risk to personnel and the environment. The course prepares learners for roles in explosive ordnance disposal (EOD) within mining, military, or civil security contexts.

Category	Law, Military Science and Security
Subfield	Safety in Society
Unit Standard	257281
Accreditation	SAQA Accredited · NQF Level 5 · 9 Credits
Duration	6 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant legislation, regulations, and safety standards governing the disposal of explosives and munitions.
- Classify different types of explosives and munitions according to their hazard characteristics.
- Implement safe handling, storage, and transportation procedures for explosive materials.
- Demonstrate correct procedures for rendering safe and disposing of explosive devices.
- Evaluate disposal site suitability and apply environmental protection measures.
- Analyze incident reports and recommend improvements to disposal protocols.

WHO SHOULD ATTEND

- This course is designed for individuals working in security, mining, or military environments who are responsible for the disposal of explosives and munitions.
- It is also suitable for supervisors and safety officers seeking to enhance their competency in hazardous material management.

COURSE OUTLINE

Day 1: Introduction to Explosives and Munitions

- Chemistry of explosives: low vs. high explosives.
- Classification of explosives: primary, secondary, blasting agents.
- Types of munitions: small arms, artillery, grenades, bombs, improvised explosive devices (IEDs).
- Legal framework: SAQA unit standards, OHS Act, Explosives Act.
- EOD hierarchy and command structure.
- Introduction to risk assessment and mitigation strategies.
- Safety precautions and personal protective equipment (PPE).
- Overview of EOD tools and equipment.

Day 2: Explosive Effects and Hazard Assessment

- Blast physics: overpressure, shock waves, thermal effects.
- Fragmentation and secondary hazards.
- Hazard assessment methodologies: JSA, HIRA.
- Safety distance calculations for different explosive types.
- Environmental considerations: weather, terrain, structures.
- Detection techniques: visual, electronic, canine.
- Introduction to explosive detectors and their operation.
- Case studies of explosive incidents.

Day 3: EOD Procedures and Techniques

- EOD process: reconnaissance, identification, assessment, disposal.
- Handling and transport protocols for explosive devices.
- Render-safe procedures for artillery shells, grenades, and bombs.
- Communication and coordination with emergency services.
- Post-blast investigation: scene preservation and evidence collection.
- Documentation and reporting requirements.
- Introduction to disruptive tools and disrupter use.

Day 4: Improvised Explosive Devices (IEDs) and Countermeasures

- IED components: power source, switch, initiator, main charge.
- IED types: command wire, radio-controlled, victim-operated.
- Search procedures: systematic search, vehicle inspection.
- Remote handling: robots, bomb suits, disrupters.
- ECM: jamming, shielding, and deactivation.
- IED disposal methods: controlled detonation, manual disruption.
- Case studies of IED incidents.
- Legal and ethical considerations in IED disposal.

Day 5: Advanced EOD Operations and Specialized Munitions

- CBRN munitions: identification, hazards, disposal protocols.
- Underwater EOD: techniques, equipment, safety.
- Advanced robotics and remote systems.
- Confined space and high-angle EOD operations.
- Decision-making models for complex scenarios.
- Stress management and psychological resilience.

- Coordination with specialized units (e.g., military, police).

Day 6: Practical Integration and Assessment

- Full-scale simulation: reconnaissance, hazard assessment, disposal.
- Team roles and communication during live exercise.
- Use of all EOD equipment and tools.
- Post-exercise debrief and performance review.
- Written assessment covering theory and procedures.
- Practical assessment: individual and team tasks.
- Course evaluation and certification requirements.

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 **9 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 26,900.00	R 26,900.00
1	In-House	R 35,000.00	R 35,000.00
1	On-Campus (Pretoria)	R 40,300.00	R 40,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	17 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	18 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	18 Aug 2026	On-Campus	Mauritius
12 Aug 2026	19 Aug 2026	On-Campus	Cape Town, South Africa
13 Aug 2026	20 Aug 2026	On-Campus	Dubai, UAE
14 Aug 2026	21 Aug 2026	On-Campus	Pretoria, South Africa
17 Aug 2026	24 Aug 2026	On-Campus	Durban, South Africa
18 Aug 2026	25 Aug 2026	On-Campus	Shenzhen, China

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 257281) 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