



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

Explosive Ordnance Knowledge and Safety

Law, Military Science and Security / Safety in Society

Unit Standard 258009 · NQF Level 5 · 9 Credits · 6 Days

COURSE OVERVIEW

This course equips learners with the knowledge to identify, classify, and handle explosive ordnances safely. It covers legal requirements, risk assessment, and emergency procedures to ensure workplace safety in environments where explosive ordnances may be present.

Category	Law, Military Science and Security
Subfield	Safety in Society
Unit Standard	258009
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

- Identify different types of explosive ordnances and their characteristics.
- Explain the principles of explosive safety and storage requirements.
- Apply risk assessment procedures for handling explosive ordnances.
- Demonstrate knowledge of legal and regulatory frameworks governing explosive ordnances in South Africa.
- Describe emergency response actions in the event of an explosive ordnance incident.
- Analyze the effects of explosions and the importance of safety distances.

WHO SHOULD ATTEND

- Security personnel, military support staff, explosive ordnance disposal (EOD) assistants, and safety officers in industries such as mining, construction, and defense who require foundational knowledge of explosive ordnances.

COURSE OUTLINE

Day 1: Introduction to Explosive Ordnance and Safety Principles

- What is explosive ordnance: types, classifications, and characteristics.
- Legislation and regulations: SAQA, SANS, and relevant Acts.
- Fundamental safety concepts: hierarchy of controls, risk assessment.
- Standard operating procedures (SOPs) and their role in safety.
- Introduction to personal protective equipment (PPE).
- Case studies of incidents and lessons learned.

Day 2: Explosive Ordnance Identification and Characteristics

- Classification of explosives: high, low, and propellants.
- Identification features: colour coding, markings, and packaging.
- Chemical properties: sensitivity, stability, and compatibility.
- Components: fuzes, detonators, boosters, and main charges.
- Practical identification exercises with inert samples.
- Storage and compatibility groups.

Day 3: Handling, Transportation, and Storage of Explosive Ordnance

- Safe handling techniques: do's and don'ts.
- Transportation regulations: SANS 10228 and ADR requirements.
- Packaging, labelling, and loading/unloading procedures.
- Storage design: magazines, bunkers, and safety distances.
- Inventory management: records, audits, and stocktaking.
- Emergency procedures for spills or accidents.

Day 4: Risk Assessment and Safety Management Systems

- Risk assessment methodology: hazard identification, risk analysis, and evaluation.
- Safety management systems: policy, planning, implementation, and review.
- Human factors: fatigue, complacency, and communication.
- Incident reporting: procedures and documentation.
- Investigation techniques: root cause analysis and corrective actions.
- Emergency response planning and drills.

Day 5: Disposal and Demilitarization Procedures

- Disposal methods: open burning, open detonation, and incineration.
- Demilitarization: dismantling, recycling, and waste management.
- Environmental impact and mitigation measures.
- Roles and responsibilities: EOD operators, safety officers, and supervisors.
- Safety protocols: exclusion zones, PPE, and communication.
- Case studies of disposal operations.

Day 6: Practical Integration and Assessment

- Review of key concepts and integration.
- Simulated risk assessment exercise.
- Practical handling and storage drill.
- Tabletop exercise: emergency response scenario.
- Written assessment (theory).

- Course evaluation and feedback.

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	Cape Town, South Africa
11 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
12 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	20 Aug 2026	On-Campus	Abu Dhabi, UAE
14 Aug 2026	21 Aug 2026	On-Campus	Durban, South Africa
14 Aug 2026	21 Aug 2026	On-Campus	Mauritius
17 Aug 2026	24 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	24 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 258009) 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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