



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

Veld Burn Operations Implementation

Agriculture and Nature Conservation / Nature Conservation

Unit Standard 253954 · NQF Level 5 · 7 Credits · 4 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to safely and effectively implement veld burn operations in accordance with relevant legislation and organisational procedures. It covers planning, execution, and post-burn monitoring to manage fire risk and promote ecological health. Successful learners will be able to coordinate a controlled burn while ensuring team safety and environmental compliance.

Category	Agriculture and Nature Conservation
Subfield	Nature Conservation
Unit Standard	253954
Accreditation	SAQA Accredited · NQF Level 5 · 7 Credits
Duration	4 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Plan a veld burn operation by assessing weather conditions, firebreaks, and resource requirements.
- Implement fire suppression and containment strategies during a controlled burn.
- Monitor post-burn effects and evaluate the success of the operation against set objectives.
- Apply relevant occupational health and safety legislation and organisational procedures.
- Demonstrate effective communication and teamwork during veld burn operations.
- Analyze environmental factors and adjust burn plans to minimize ecological impact.

WHO SHOULD ATTEND

- This course is designed for farm managers, conservation officers, fire protection association members, and any personnel responsible for implementing prescribed burns in agricultural or natural veld environments.

COURSE OUTLINE

Day 1: Introduction to Veld Burn Operations and Legislation

- Ecological principles of fire in grassland and savanna ecosystems.
- Legal framework: Veld and Forest Fire Act, environmental authorisations, local by-laws.
- Burn planning: objectives, site selection, weather parameters, firebreaks.
- Pre-burn assessment: fuel load, moisture content, topography, access.
- Team roles: burn boss, igniters, patrollers, safety officer.
- Personal protective equipment (PPE) and communication protocols.

Day 2: Fire Behaviour, Weather, and Safety

- Fire behaviour triangle: fuel, weather, topography.
- Weather parameters: wind speed/direction, temperature, humidity, stability.
- Using weather instruments: anemometer, sling psychrometer, weather station.
- Safety planning: escape routes, safety zones, communications.
- Risk assessment matrix and emergency response procedures.
- First aid for burns and smoke inhalation.

Day 3: Burn Techniques and Firebreak Preparation

- Ignition methods: drip torch, flare, helitorch, ground ignition.
- Firing patterns: head fire, backfire, flank fire, strip head fire.
- Firebreak types: mineral, wet, green, and mechanical.
- Blacklining and securing boundaries.
- Communication and command structure during the burn.
- Mop-up procedures and monitoring for re-ignition.

Day 4: Post-Burn Assessment and Integrated Practical Exercise

- Post-burn monitoring: scorch height, soil impact, vegetation response.
- Reporting: incident reports, burn records, compliance documentation.
- Adaptive management: lessons learned and future planning.
- Integrated practical exercise: planning, briefing, execution, and debrief.
- Assessment of practical skills and knowledge.
- Course review 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 **7 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 21,500.00	R 21,500.00
1	In-House	R 27,900.00	R 27,900.00
1	On-Campus (Pretoria)	R 32,300.00	R 32,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	13 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	13 Aug 2026	On-Campus	Mauritius
18 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
18 Aug 2026	21 Aug 2026	On-Campus	Pretoria, South Africa

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 253954) 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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