



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

Demonstrate An Understanding Of Firearm Surface Treatments Training

Law, Military Science and Security / Safety in Society

Unit Standard 119782 · NQF Level 4 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with a comprehensive understanding of firearm surface treatments, including their purposes, applications, and implications. It covers the principles of various surface treatments such as bluing, parkerizing, and coating, and how they affect firearm performance, durability, and safety. The course is designed to ensure that learners can identify, describe, and apply appropriate surface treatments in accordance with industry standards and safety regulations.

Category	Law, Military Science and Security
Subfield	Safety in Society
Unit Standard	119782
Accreditation	SAQA Accredited · NQF Level 4 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify and describe different types of firearm surface treatments and their characteristics.
- Explain the purpose and benefits of each surface treatment in terms of corrosion resistance, wear reduction, and aesthetics.
- Apply knowledge of surface treatments to select the appropriate treatment for specific firearm components and conditions.
- Demonstrate an understanding of the safety procedures and environmental considerations associated with applying surface treatments.
- Analyze the effects of improper surface treatment on firearm function and safety.
- Evaluate the quality of surface treatments and identify common defects or issues.

WHO SHOULD ATTEND

- This course is ideal for firearm enthusiasts, gunsmiths, security personnel, and anyone involved in the maintenance, repair, or handling of firearms.
- It is also suitable for individuals seeking to enhance their knowledge of firearm technology for occupational or personal development.

COURSE OUTLINE

Day 1: Fundamental Understanding of Firearm Surface Treatments

- Introduction to firearm surface treatments: bluing, parkerizing, cerakote, and anodizing.
- Purpose of surface treatments: corrosion prevention, wear resistance, aesthetic enhancement.
- Basic metallurgy: how treatments interact with steel, aluminum, and polymer.
- Safety guidelines: handling chemicals, ventilation, and personal protective equipment.
- Overview of treatment application methods: dipping, spraying, baking.
- Quality indicators: visual inspection, adhesion, and uniformity.
- Regulatory and SAQA requirements for training and competency.
- Practical demonstration: identifying treated vs. untreated firearm components.

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 4**.

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
07 Aug 2026	07 Aug 2026	On-Campus	Mauritius
10 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	13 Aug 2026	On-Campus	Mauritius
14 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	17 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 119782) 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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