



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

Perform Tube And Pipe Product Tests And Interpret Results Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 119054 · NQF Level 4 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills to perform standardized tests on tubes and pipes, interpret results accurately, and ensure product quality. It covers testing methods, safety protocols, and data analysis to support quality assurance in manufacturing and engineering environments.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	119054
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

- Apply relevant testing methods to assess tube and pipe products according to industry standards.
- Analyze test results to determine product conformity and identify deviations.
- Evaluate testing procedures and recommend improvements for accuracy and efficiency.
- Demonstrate correct use of testing equipment and adherence to safety protocols.
- Interpret test data and compile clear reports for quality assurance records.
- Implement corrective actions based on test interpretations to maintain product quality.

WHO SHOULD ATTEND

- This course is designed for quality control technicians, production supervisors, and engineering staff involved in testing and inspecting tube and pipe products.

COURSE OUTLINE

Day 1: Introduction to Tube and Pipe Product Testing and Interpretation of Results

- Overview of tube and pipe products and their applications
- Relevant SAQA unit standards and industry specifications (e.g., SANS, ISO)
- Types of tests: pressure tests, tensile tests, bend tests, and hardness tests
- Testing equipment: gauges, fixtures, and calibration requirements
- Procedures for conducting tests and recording data
- Interpretation of test results: pass/fail criteria and reporting
- Safety considerations and personal protective equipment (PPE)
- Practical demonstration of a simple pressure test

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
05 Aug 2026	05 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	06 Aug 2026	On-Campus	Pretoria, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
07 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
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

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 119054) 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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