



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

Apply On Site Corrosion Protection Of Pipes Training

Physical Planning and Construction / Building Construction

Unit Standard 119046 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to apply on-site corrosion protection to pipes in industrial and construction settings. It covers surface preparation, coating application, and inspection techniques to ensure long-term asset integrity and compliance with industry standards.

Category	Physical Planning and Construction
Subfield	Building Construction
Unit Standard	119046
Accreditation	SAQA Accredited · NQF Level 2 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify corrosion types and causes on piping systems in on-site environments.
- Prepare pipe surfaces according to specified standards (e.g., SSPC, NACE).
- Apply protective coatings (paints, wraps, or tapes) using correct techniques.
- Inspect coated surfaces for defects and ensure quality compliance.
- Demonstrate safe handling and disposal of coating materials and solvents.
- Document corrosion protection work in accordance with site procedures.

WHO SHOULD ATTEND

- Ideal for pipe fitters, platers, welders, and maintenance personnel involved in the installation or repair of piping systems in industries such as oil and gas, mining, and water utilities.

COURSE OUTLINE

Day 1: Fundamentals of On-Site Corrosion Protection for Pipes

- Introduction to corrosion: definition, economic impact, and relevance to piping systems.
- Types of corrosion: uniform, pitting, galvanic, crevice, and stress corrosion cracking.
- Factors influencing corrosion: environmental conditions, pipe materials, and operational factors.
- Overview of corrosion protection methods: coatings, linings, and cathodic protection.
- Safety, health, and environmental considerations in corrosion protection work.
- Introduction to relevant SANS and ISO standards for corrosion protection.
- Practical demonstration: visual inspection of corroded pipe samples.
- Group activity: identifying corrosion types from case study images.

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 2**.

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	Dubai, UAE
10 Aug 2026	10 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	11 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Mauritius
12 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
13 Aug 2026	13 Aug 2026	On-Campus	Dubai, UAE
14 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
17 Aug 2026	17 Aug 2026	On-Campus	Durban, 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 119046) 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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