



## 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

# Spray Wash Energised Medium High Voltage Networks Training

Physical Planning and Construction / Electrical Infrastructure Construction

Unit Standard 113878 · NQF Level 4 · 4 Credits · 1 Day

## COURSE OVERVIEW

This course equips learners with the knowledge and skills to safely and effectively perform spray washing of energised medium high voltage (MV/HV) networks. It covers the principles of live-line washing, equipment operation, safety protocols, and compliance with South African electricity regulations. The training ensures that learners can maintain network cleanliness without service interruption, reducing flashover risks and enhancing system reliability.

Category	Physical Planning and Construction
Subfield	Electrical Infrastructure Construction
Unit Standard	113878
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 safety regulations and procedures for spray washing energised MV/HV networks.
- Demonstrate the correct use and maintenance of spray washing equipment and personal protective gear.
- Analyze the risks associated with live-line washing and implement appropriate control measures.
- Evaluate the condition of insulators and network components to determine cleaning requirements.
- Execute spray washing operations on energised networks without compromising system integrity.
- Implement emergency response procedures in case of equipment failure or electrical incidents.

## WHO SHOULD ATTEND

- This course is designed for electrical technicians, linespersons, and maintenance personnel responsible for the cleaning and upkeep of medium high voltage electrical networks in utilities, municipalities, and industrial settings.

## COURSE OUTLINE

### Day 1: Spray Wash Procedures on Energised Medium High Voltage Networks

- Introduction to spray washing of energised networks and applicable standards.
- Electrical safety principles: approach distances, earthing, and switching.
- Water quality parameters: resistivity, conductivity, and contamination control.
- Equipment overview: insulated booms, nozzles, pumps, and monitoring systems.
- Pre-wash inspection and risk assessment.
- Step-by-step spray washing procedure.
- Post-wash inspection and documentation.
- Emergency procedures and incident response.

## 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
24 Jun 2026	24 Jun 2026	On-Campus	Mombasa, Kenya
24 Jun 2026	24 Jun 2026	On-Campus	Windhoek, Namibia
25 Jun 2026	25 Jun 2026	In-House	–
26 Jun 2026	26 Jun 2026	On-Campus	Maseru, Lesotho
29 Jun 2026	29 Jun 2026	On-Campus	Mbabane, Eswatini
30 Jun 2026	30 Jun 2026	On-Campus	Mombasa, Kenya
01 Jul 2026	01 Jul 2026	On-Campus	Luanda, Angola
02 Jul 2026	02 Jul 2026	On-Campus	Kigali, Rwanda

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](http://www.aaticd.co.za), open the page for this course (Unit Standard 113878) 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](mailto: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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