



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

Safe Sodium Hypochlorite Handling In Metallurgical Plants Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110449 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips metallurgical plant personnel with the knowledge and skills to safely handle, store, and dispose of sodium hypochlorite. Participants will learn to identify hazards, implement control measures, and respond to incidents, ensuring compliance with South African health and safety regulations.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110449
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 the physical and chemical properties of sodium hypochlorite and associated hazards in a metallurgical plant context.
- Apply safe handling procedures for sodium hypochlorite, including correct use of personal protective equipment (PPE).
- Implement proper storage and segregation methods to prevent incompatible reactions and spills.
- Demonstrate emergency response actions for spills, leaks, or exposure to sodium hypochlorite.
- Analyze workplace procedures to ensure compliance with relevant legislation and company policies.
- Evaluate risk assessment methods to control exposure to sodium hypochlorite.

WHO SHOULD ATTEND

- This course is designed for operators, supervisors, and safety officers working in metallurgical plants where sodium hypochlorite is used for processes such as cyanide destruction or water treatment.

COURSE OUTLINE

Day 1: Safe Handling of Sodium Hypochlorite in Metallurgical Plants

- Chemical properties and reactivity of sodium hypochlorite.
- Health and safety hazards: toxicity, corrosivity, and gas evolution.
- Legal framework: OHS Act, SANS standards, and site-specific requirements.
- Safe handling procedures: transport, transfer, and mixing.
- Personal protective equipment (PPE) selection and use.
- Storage requirements: ventilation, segregation, and containment.
- Emergency response: spill containment, first aid, and decontamination.
- Disposal and environmental considerations.

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
04 Aug 2026	04 Aug 2026	On-Campus	Mauritius
05 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	10 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Mauritius
11 Aug 2026	11 Aug 2026	On-Campus	Cape Town, 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 110449) 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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