



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

Harmful Gases And Vapours Identification And Safety Training

Manufacturing, Engineering and Technology / Fabrication and Extraction

Unit Standard 110118 · NQF Level 1 · 1 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify harmful gases and vapours in the workplace, understand their health and safety implications, and implement appropriate control measures. It aims to promote a safe working environment by enabling participants to recognise potential hazards, interpret safety data, and respond effectively to gas-related incidents.

Category	Manufacturing, Engineering and Technology
Subfield	Fabrication and Extraction
Unit Standard	110118
Accreditation	SAQA Accredited · NQF Level 1 · 1 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify common harmful gases and vapours and their sources in the workplace.
- Evaluate the health and safety risks associated with exposure to harmful gases and vapours.
- Apply appropriate monitoring and detection methods to assess gas concentrations.
- Implement control measures and safe work procedures to mitigate risks.
- Demonstrate correct use of personal protective equipment and emergency response protocols.
- Analyze incident reports and recommend improvements to gas safety management.

WHO SHOULD ATTEND

- This course is designed for workers, supervisors, and safety officers in industries such as mining, chemical processing, manufacturing, and waste management who may be exposed to hazardous gases and vapours.

COURSE OUTLINE

Day 1: Foundational Knowledge and Safety Practices

- Introduction to harmful gases and vapours: sources and properties
- Health effects: acute and chronic toxicity, asphyxiation, flammability
- Occupational exposure limits (OELs) and monitoring
- Gas detection methods: portable monitors, fixed systems, colorimetric tubes
- Personal protective equipment (PPE): respirators, SCBA
- Emergency response: evacuation, first aid, spill containment
- Relevant legislation: OHSA, SANS standards

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 **1 NQF credits** at **NQF Level 1**.

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	Pretoria, South Africa
04 Aug 2026	04 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Johannesburg, South Africa
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	Dubai, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Mauritius

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 110118) 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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