



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

Flammable Cargo Hazards Identification And Safety Procedures Training

Services / Transport, Operations and Logistics

Unit Standard 114008 · NQF Level 3 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify hazardous flammable cargo, assess associated risks, and implement safety procedures during handling, storage, and transportation. It ensures compliance with South African and international regulations governing the movement of dangerous goods, promoting a safe working environment.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	114008
Accreditation	SAQA Accredited · NQF Level 3 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify and classify flammable cargo according to relevant regulations and hazard communication systems.
- Apply safety procedures for handling, storing, and transporting flammable materials to minimize risks.
- Analyze potential hazards and risks associated with flammable cargo in various operational contexts.
- Demonstrate correct use of personal protective equipment and emergency response protocols.
- Evaluate compliance with South African and international dangerous goods regulations.
- Implement spill containment and fire prevention measures in the event of an incident.

WHO SHOULD ATTEND

- This training is designed for transport and logistics personnel, warehouse operators, safety officers, and any employees involved in the handling, storage, or transportation of flammable cargo.

COURSE OUTLINE

Day 1: Introduction to Flammable Cargo and Regulatory Framework

- Overview of flammable cargo: liquids, gases, solids
- Classification systems (UN, GHS, SANS)
- Key regulations: SANS 10228, ADR, IMDG Code
- Roles and responsibilities of personnel
- Introduction to Material Safety Data Sheets (MSDS)

Day 2: Hazard Identification and Risk Assessment

- Hazard identification techniques
- Risk assessment methodologies (JSA, HIRA)
- Understanding flash point, auto-ignition temperature, flammable range
- Hazard communication: labels, placards, and diamond markings
- Common causes of fires and explosions

Day 3: Safety Procedures for Handling and Storage

- Safe handling practices: loading, unloading, transfer
- Storage requirements: compatibility, segregation, bunding
- PPE selection and use for flammable hazards
- Ventilation, bonding, and grounding techniques
- Housekeeping and spill prevention

Day 4: Transport and Emergency Response Planning

- Transport regulations and documentation (dangerous goods declaration)
- Vehicle requirements and placarding
- Emergency response plans (ERP) and drills
- Firefighting classes and extinguishing agents
- Spill response: containment, neutralization, disposal

Day 5: Practical Application – Hazard Identification and PPE

- Hands-on identification of hazard labels and placards
- PPE inspection, donning, and doffing
- MSDS review and hazard communication exercise
- Simulated risk assessment on sample scenarios
- Group discussion on real-world case studies

Day 6: Practical Application – Handling, Storage, and Emergency Response

- Hands-on loading/unloading procedures with dummy containers
- Storage arrangement and segregation exercise
- Bonding and grounding practice
- Spill containment and cleanup drill
- Fire extinguisher use (live fire simulation)

Day 7: Assessment and Course Review

- Review of key concepts
- Written assessment (multiple choice and short answer)
- Practical assessment (scenario-based)
- Feedback session and course evaluation

- Issuance of certificates of competence

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 **10 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
05 Aug 2026	13 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
06 Aug 2026	14 Aug 2026	On-Campus	Lagos, Nigeria
07 Aug 2026	17 Aug 2026	On-Campus	Johannesburg, South Africa
10 Aug 2026	18 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	19 Aug 2026	On-Campus	Dubai, UAE
12 Aug 2026	20 Aug 2026	On-Campus	Pretoria, South Africa
13 Aug 2026	21 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 114008) 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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