Accredited Africa Training Institute for Capacity Development
Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa
Tel: +27 12 004 8389 · Mobile: +27 65 077 6310
Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Major Accident Hazard Management

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0408 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, assess, and manage major accident hazards in the workplace, with a focus on preventing catastrophic incidents. It covers the principles of major accident prevention, risk assessment methodologies, and the implementation of safety management systems aligned with South African regulations.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0408
Accreditation	SAQA Accredited · NQF Level 5 · 4 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS — verifiable online

LEARNING OUTCOMES

- Apply the principles of major accident hazard identification and risk assessment to workplace scenarios.
- Analyze the requirements of relevant South African legislation and international standards for major accident hazard management.
- Evaluate the effectiveness of existing safety management systems in preventing major accidents.
- Design a comprehensive major accident prevention policy and emergency response plan for a specific site.
- Implement control measures and safety protocols to mitigate the consequences of potential major accidents.
- Demonstrate the ability to conduct incident investigations and apply lessons learned to improve safety performance.

WHO SHOULD ATTEND

- This course is designed for safety managers, risk assessors, operations managers, and professionals responsible for overseeing high-risk industrial processes or facilities where major accident hazards exist.

COURSE OUTLINE

Day 1: **Foundations of Major Accident Hazard Management**

- Introduction to Major Accident Hazards: definitions, examples, and historical incidents.
- South African legislative framework: OHSA, NEMA, and relevant regulations (e.g., Major Hazard Installation Regulations).
- Key concepts: hazard, risk, risk assessment, and risk management.
- Duty holders and their legal responsibilities.
- Introduction to Safety Management Systems (SMS) and process safety.
- Overview of risk assessment techniques: HAZOP, LOPA, and quantitative risk assessment.
- Emergency preparedness and response planning basics.

Day 2: **Advanced Risk Management and Practical Implementation**

- Advanced risk assessment: consequence modeling, risk matrices, and ALARP.
- Safety case development and demonstration of risk reduction.
- Emergency preparedness: planning, resources, and drills.
- Incident investigation and root cause analysis.
- Human factors and organizational culture in major accident prevention.
- Performance monitoring and continuous improvement.
- Case studies: recent major accidents and their implications.
- Integration of MAH management into business processes.

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 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 11,900.00	**R 11,900.00**
1	In-House	R 16,100.00	**R 16,100.00**
1	On-Campus (Pretoria)	R 17,800.00	**R 17,800.00**

UPCOMING SESSIONS

Start	End	Method	Venue
01 Dec 2026	02 Dec 2026	On-Campus	Shenzhen, China
01 Dec 2026	02 Dec 2026	On-Campus	Lagos, Nigeria
02 Dec 2026	03 Dec 2026	On-Campus	Durban, South Africa
03 Dec 2026	04 Dec 2026	On-Campus	Dubai, UAE
07 Dec 2026	08 Dec 2026	On-Campus	Maseru, Lesotho
07 Dec 2026	08 Dec 2026	On-Campus	Kigali, Rwanda
07 Dec 2026	08 Dec 2026	On-Campus	Accra, Ghana
07 Dec 2026	08 Dec 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 QUOTATION OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0408) and click **Get A Quotation**. 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.

Accredited Africa Training Institute for Capacity Development
Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za