



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

Industrial Safety

Custom Courses / Health, Safety and Environment (HSE)

Unit Standard AATICD-0295 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, evaluate, and control workplace hazards, fostering a culture of safety and compliance with South African occupational health and safety legislation. It emphasizes proactive risk management and the practical application of safety principles to prevent incidents and injuries.

Category	Custom Courses
Subfield	Health, Safety and Environment (HSE)
Unit Standard	AATICD-0295
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply the principles of occupational health and safety legislation to identify legal requirements and responsibilities.
- Analyze workplace hazards and assess associated risks using appropriate risk assessment methodologies.
- Evaluate the effectiveness of existing control measures and recommend improvements to mitigate risks.
- Demonstrate the correct use of personal protective equipment (PPE) and emergency response procedures.
- Implement a basic incident investigation process to identify root causes and prevent recurrence.
- Design a simple safety awareness campaign to promote a positive safety culture in the workplace.

WHO SHOULD ATTEND

- This course is designed for employees, supervisors, and safety representatives who are responsible for maintaining a safe working environment or who wish to enhance their understanding of industrial safety practices.

COURSE OUTLINE

Day 1: Introduction to Industrial Safety and Legal Framework

- Overview of industrial safety: history and importance
- Occupational Health and Safety Act (OHSA) and relevant regulations
- Rights and duties of employers and employees
- Introduction to hazard identification and risk assessment (HIRA)
- Safety culture and human factors
- Incident statistics and lessons learned
- Overview of safety signs and symbols

Day 2: Hazard Identification and Risk Assessment

- Hazard categories: physical, chemical, biological, ergonomic, psychosocial
- Risk assessment methodologies: HIRA, JSA, HAZOP
- Risk rating matrices and risk scoring
- Hierarchy of controls: elimination, substitution, engineering, administrative, PPE
- Practical exercise: conducting a workplace risk assessment
- Documenting and reviewing risk assessments
- Introduction to permit-to-work systems

Day 3: Engineering Controls and Safe Work Practices

- Machine guarding: types and requirements
- Electrical safety: safe work practices and arc flash awareness
- Working at heights: scaffolds, ladders, and fall protection
- Confined space entry: hazards and control measures
- Lockout/tagout (LOTO) procedures
- Permit-to-work systems in practice
- Developing and implementing SOPs
- Case studies of incidents and prevention

Day 4: Personal Protective Equipment, Health, and Emergency Preparedness

- PPE selection and use: head, eye, hearing, respiratory, hand, foot
- PPE maintenance, inspection, and replacement
- Occupational health hazards: noise, dust, chemicals, ergonomics
- Health surveillance and medical surveillance programs
- Emergency preparedness: fire, chemical spill, medical emergency
- First aid and CPR basics
- Emergency response team roles and responsibilities
- Evacuation procedures and drills

Day 5: Safety Management Systems, Culture, and Continuous Improvement

- Overview of safety management systems: ISO 45001, OHSAS 18001
- Safety policies, objectives, and plans
- Safety committees and worker representation
- Behaviour-based safety and safety culture improvement
- Incident investigation: root cause analysis and reporting
- Corrective and preventive actions (CAPA)
- Safety audits and inspections

- Continuous improvement: leading and lagging indicators
- Final assessment and course review

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 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,700.00	R 17,700.00
1	In-House	R 23,100.00	R 23,100.00
1	On-Campus (Pretoria)	R 26,700.00	R 26,700.00

UPCOMING SESSIONS

Start	End	Method	Venue
05 Oct 2026	09 Oct 2026	On-Campus	Kigali, Rwanda
05 Oct 2026	09 Oct 2026	On-Campus	Bangkok, Thailand
05 Oct 2026	09 Oct 2026	On-Campus	Lusaka, Zambia
05 Oct 2026	09 Oct 2026	Online	—
05 Oct 2026	09 Oct 2026	On-Campus	Windhoek, Namibia
05 Oct 2026	09 Oct 2026	On-Campus	Nairobi, Kenya
05 Oct 2026	09 Oct 2026	On-Campus	Mbabane, Eswatini
12 Oct 2026	16 Oct 2026	On-Campus	London, UK

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 AATICD-0295) 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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