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

Pollution Prevention & Control

Custom Courses / Health, Safety and Environment (HSE)

Unit Standard AATICD-0310 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to identify, evaluate, and control pollution sources in the workplace, aligning with South African environmental legislation and international best practices. It focuses on practical strategies to prevent pollution at source, minimize waste, and promote sustainable operations. By the end, participants will be able to implement effective pollution prevention and control measures that enhance environmental performance and regulatory compliance.

Category	Custom Courses
Subfield	Health, Safety and Environment (HSE)
Unit Standard	AATICD-0310
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 pollution prevention and control to identify sources of pollution in the workplace.
- Analyze the environmental and regulatory impacts of pollution and waste generation.
- Evaluate current pollution control measures and recommend improvements based on best practices.
- Design a pollution prevention plan that integrates waste minimization and resource efficiency.
- Implement monitoring and reporting procedures to ensure ongoing compliance with relevant legislation.
- Demonstrate the ability to communicate pollution prevention strategies effectively to stakeholders.

WHO SHOULD ATTEND

- This course is designed for environmental health and safety officers, facilities managers, production supervisors, and any professionals responsible for environmental compliance or waste management in their organizations.
- It is also suitable for individuals seeking to enhance their understanding of pollution prevention as part of their career development.

COURSE OUTLINE

Day 1: Introduction to Pollution Prevention and Control

- Definition and importance of pollution prevention
- Types of pollution: air, water, land, noise, and waste
- Sources of pollution: industrial, agricultural, domestic, and transport
- Environmental and health impacts of pollution
- Overview of South African environmental legislation (NEMA, NWA, AQA, etc.
- Pollution prevention hierarchy: reduce, reuse, recycle, treat, dispose

Day 2: Pollution Prevention Strategies and Tools

- Pollution prevention hierarchy in practice
- Life cycle assessment (LCA) and its application
- Cleaner production concepts and techniques
- Waste minimization and resource efficiency
- Conducting a waste audit: steps and tools
- Environmental management systems (ISO 14001) and pollution prevention
- Case studies of successful pollution prevention programs

Day 3: Pollution Control Technologies and Methods

- Air pollution control: particulate control, scrubbers, filters, and catalytic converters
- Water pollution control: physical, chemical, and biological treatment methods
- Waste management: landfill design, incineration, and recycling technologies
- Noise pollution control: engineering and administrative controls
- Soil remediation techniques
- Selection criteria for pollution control technologies
- Emerging technologies in pollution control

Day 4: Monitoring, Assessment, and Compliance

- Environmental monitoring: types, methods, and equipment
- Sampling techniques for air, water, and soil
- Data analysis and interpretation for compliance
- Environmental impact assessment (EIA) process
- Environmental audits: internal and external
- Regulatory compliance reporting
- Case studies on monitoring and compliance

Day 5: Integration and Continuous Improvement

- Developing a pollution prevention action plan
- Integrating pollution prevention into daily operations
- Continuous improvement: PDCA, Kaizen, and Six Sigma
- Stakeholder engagement and communication
- Training and awareness programs
- Measuring and reporting on pollution prevention performance
- Future trends in pollution prevention and control

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 23,900.00	**R 23,900.00**
1	On-Campus (Pretoria)	R 26,700.00	**R 26,700.00**

UPCOMING SESSIONS

Start	End	Method	Venue
07 Dec 2026	11 Dec 2026	Online	—
07 Dec 2026	11 Dec 2026	On-Campus	Maseru, Lesotho
07 Dec 2026	11 Dec 2026	On-Campus	Kigali, Rwanda
07 Dec 2026	11 Dec 2026	On-Campus	Accra, Ghana
07 Dec 2026	11 Dec 2026	On-Campus	Cape Town, South Africa
07 Dec 2026	11 Dec 2026	On-Campus	Abu Dhabi, UAE
07 Dec 2026	11 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
14 Dec 2026	18 Dec 2026	On-Campus	Mbabane, Eswatini

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-0310) 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.

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