



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

Use Tools And Operate Equipment In An Environmentally Responsible Manner Training

Physical, Mathematical, Computer and Life Sciences / Environmental Sciences

Unit Standard 119556 · NQF Level 2 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to select, use, and maintain tools and equipment while minimising environmental impact. It emphasises responsible resource use, waste management, and compliance with environmental regulations. Participants will gain practical competence in operating equipment safely and sustainably.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Environmental Sciences
Unit Standard	119556
Accreditation	SAQA Accredited · NQF Level 2 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Select appropriate tools and equipment for specific tasks, considering environmental impact.
- Demonstrate correct and safe operation of tools and equipment to minimise waste and emissions.
- Apply waste management principles, including segregation, reduction, and disposal of materials.
- Conduct basic maintenance and inspections to ensure equipment operates efficiently and responsibly.
- Evaluate the environmental impact of tool and equipment use and implement improvement measures.
- Comply with relevant environmental legislation, organisational policies, and safe work procedures.

WHO SHOULD ATTEND

- This course is designed for workers, operators, and supervisors in industries such as construction, manufacturing, agriculture, or facilities management who use tools and equipment as part of their daily tasks.

COURSE OUTLINE

Day 1: Introduction to Environmental Responsibility and Legislative Framework

- Definition of environmental responsibility.
- Overview of NEMA, OHS Act, and relevant SANS standards.
- Environmental impact assessments and management plans.
- Penalties for environmental violations.
- Case studies on environmental incidents.

Day 2: Tools and Equipment Overview – Types, Uses, and Environmental Considerations

- Classification of tools (hand tools, power tools, heavy equipment).
- Fuel types and emissions (petrol, diesel, electric, hybrid).
- Noise pollution and vibration control.
- Energy consumption and efficiency ratings.
- Sustainable procurement practices.

Day 3: Pre-Operational Checks and Maintenance for Environmental Compliance

- Daily inspection checklists.
- Fluid levels and leak detection.
- Battery and electrical system care.
- Tire pressure and fuel efficiency.
- Record-keeping and reporting procedures.

Day 4: Safe and Environmentally Sound Operation of Tools and Equipment

- Operating techniques for fuel efficiency.
- Idle reduction strategies.
- Spill kits and emergency response.
- Handling hazardous substances.
- Waste segregation and disposal.

Day 5: Waste Management and Resource Conservation in the Workplace

- Waste management plans.
- Recycling and disposal protocols.
- Water conservation measures.
- Energy-saving practices.
- Lifecycle assessment of tools and equipment.

Day 6: Environmental Monitoring and Reporting

- Key performance indicators (KPIs) for environmental impact.
- Incident reporting forms and procedures.
- Internal audit checklists.
- Corrective and preventive actions.
- Communication with environmental authorities.

Day 7: Integration, Assessment, and Action Planning

- Practical exercise: operating equipment with environmental checklist.
- Assessment: written test and practical demonstration.
- Action plan template and goal setting.
- Feedback and course evaluation.

- Certification requirements and next steps.

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 2**.

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
04 Aug 2026	12 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	13 Aug 2026	On-Campus	Mauritius
06 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
07 Aug 2026	17 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	18 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	19 Aug 2026	On-Campus	Mauritius
12 Aug 2026	20 Aug 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 QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 119556) 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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