



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

Apply Environmental Management Practices In Poultry Production Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 119391 · NQF Level 1 · 12 Credits · 9 Days

COURSE OVERVIEW

This course equips learners with the knowledge and skills to implement environmental management practices in poultry production, focusing on minimizing environmental impact, ensuring compliance with South African regulations, and promoting sustainable farming. Participants will learn to manage waste, water, and energy efficiently while maintaining biosecurity and animal welfare standards.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	119391
Accreditation	SAQA Accredited · NQF Level 1 · 12 Credits
Duration	9 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply environmental management principles to poultry production operations.
- Analyze waste management systems to reduce environmental pollution.
- Implement water and energy conservation measures in poultry facilities.
- Evaluate biosecurity protocols to prevent disease outbreaks and environmental contamination.
- Demonstrate compliance with relevant environmental legislation and standards.
- Design a basic environmental management plan for a poultry production unit.

COURSE OUTLINE

Day 1: Introduction to Environmental Management in Poultry Production

- Overview of environmental management principles
- Environmental impacts of poultry production (water, air, soil, waste)
- Legal framework: National Environmental Management Act (NEMA) and regulations
- Introduction to unit standard 119391
- Case studies: environmental challenges in South African poultry farms

Day 2: Poultry Housing and Environmental Control

- Types of poultry housing systems (open-sided, controlled environment)
- Environmental control systems: ventilation, heating, cooling
- Energy efficiency: lighting, fans, insulation
- Reducing greenhouse gas emissions from housing
- Practical exercise: assessing housing environmental performance

Day 3: Waste Management in Poultry Operations

- Types of waste: manure, dead birds, packaging, wastewater
- Manure storage and handling to prevent leaching and odour
- Composting techniques and benefits
- Nutrient management planning
- Regulatory requirements for waste disposal

Day 4: Water Management and Conservation

- Water sources and consumption in poultry farms
- Water quality parameters and testing
- Water conservation strategies: drinker management, leak detection
- Wastewater treatment systems (e.g., constructed wetlands)
- Rainwater harvesting and reuse

Day 5: Air Quality and Odour Management

- Sources of air pollutants: ammonia, hydrogen sulphide, dust, volatile organic compounds
- Health effects of air emissions on birds and humans
- Odour management techniques (biofilters, diet manipulation)
- Ventilation management to reduce emissions
- Monitoring and reporting air quality

Day 6: Biodiversity and Land Use Management

- Biodiversity conservation on farms
- Buffer zones and riparian management
- Soil conservation practices (cover crops, rotational grazing)
- Integrated pest management
- Case studies: biodiversity-friendly poultry farms

Day 7: Environmental Auditing and Compliance

- Environmental audit principles and types
- Audit checklists for poultry farms
- Conducting a mock audit
- Corrective action planning

- Record keeping and documentation requirements

Day 8: Sustainable Practices and Continuous Improvement

- Sustainable poultry production models
- Life cycle assessment basics
- Environmental management systems (ISO 14001)
- Setting environmental objectives and targets
- Employee training and engagement

Day 9: Integration, Assessment, and Action Planning

- Review of key concepts and integration
- Summative assessment: case study analysis and practical tasks
- Developing a site-specific environmental action plan
- Presentation and peer feedback
- Course evaluation and certification

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 **12 NQF credits** at **NQF Level 1**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 33,300.00	R 33,300.00
1	In-House	R 43,300.00	R 43,300.00
1	On-Campus (Pretoria)	R 50,000.00	R 50,000.00

UPCOMING SESSIONS

Start	End	Method	Venue
31 Jul 2026	12 Aug 2026	On-Campus	Dar es Salaam, Tanzania
03 Aug 2026	13 Aug 2026	On-Campus	Johannesburg, South Africa
04 Aug 2026	14 Aug 2026	On-Campus	Mauritius
05 Aug 2026	17 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	19 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	20 Aug 2026	On-Campus	Mauritius

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 119391) 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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