

WESSA TRAINING

NATIONAL CERTIFICATE: ENVIRONMENTAL SCIENCE
TECHNICIAN (Full qualification listed)

#EnvironmentalSkills

NQF L6 | 467 CREDITS
SAQA QUALIFICATION ID 99508

CONNECT WITH US!

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WESSA
PEOPLE CARING FOR THE EARTH

BROAD OUTLINE OF QUALIFICATION: ENVIRONMENTAL SCIENCE TECHNICIAN
THE GENERAL ENVIRONMENTAL FRAMEWORK FOUNDATIONS
WASTE MANAGEMENT
AIR QUALITY MANAGEMENT
CONSERVATION MANAGEMENT

KNOWLEDGE MODULES (134 CREDITS)

MODULES	DESCRIPTION	CREDITS
KM-01	Environmental Regulatory Framework (NQF Level 05)	17
KM-02	Environmental Pollution (NQF Level 05)	5
KM-03	Environmental Ethics (NQF Level 05)	7
KM-04	Environmental monitoring and assessment (NQF Level 06)	14
KM-05	Environmental Communication and reporting (NQF Level 05)	15
KM-06	Sustainable Integrated Waste Management (NQF Level 06)	24
KM-07	Air Quality Monitoring and Controls (NQF Level 06)	29
KM-08	Natural Resource Conservation (NQF Level 06)	23

PRACTICAL MODULES (98 CREDITS)

MODULES	DESCRIPTION	CREDITS
PM-01	Apply standard operating procedures for taking samples (NQF Level 05)	5
PM-02	Measure air pollution (NQF Level 06)	10
PM-03	Apply standards and legal codes to monitor compliance (NQF Level 05)	5
PM-04	Apply sustainable waste management practices to minimise the impact of anthropogenic activities on the environment (NQF Level 06)	5
PM-05	Apply Waste Management Regulatory Framework to ensure compliance (NQF Level 05)	5
PM-06	Implement the waste management hierarchy (NQF Level 06)	5
PM-07	Monitor anthropogenic activities for potential emission sources (NQF Level 05)	5
PM-08	Implement the air quality regulatory framework (NQF Level 05)	10
PM-09	Evaluate and apply risk control measures to minimise risks (NQF Level 06)	5
PM-10	Control / minimise / prevent / mitigate the impact of environmental risks (NQF Level 06)	5
PM-11	Maintain working conditions of monitoring and assessment equipment to ensure serviceability (NQF Level 05)	5
PM-12	Consolidate and compile a concise technical report in accordance with specific occupational settings NQF Level 06	8
PM-13	Uphold the principles of ethical conduct and behaviour (NQF Level 05)	5
PM-14	Assess the status of ecosystem (NQF Level 06)	10
PM-15	Monitor and analyse overexploitation, habitat destruction and possible loss of bio-diversity (NQF Level 06)	10

WORKPLACE MODULES (235 CREDITS)

MODULES	DESCRIPTION	CREDITS
WM-01	Application of standard operating procedures (NQF Level 05)	6
WM-02	Sampling processes (NQF Level 05)	16
WM-03	Assessment of the status of the eco-system (NQF Level 06)	16
WM-04	Compliance monitoring (NQF Level 05)	32
WM-05	Application of innovative sustainable waste management practices (NQF Level 06)	32
WM-06	Application of the waste management regulatory framework (NQF Level 06)	4
WM-07	Implementation of the waste management hierarchy (NQF Level 05)	4
WM-08	Compliance monitoring to establish emissions' inventory (NQF Level 06)	32
WM-09	Application of the air quality regulatory framework (NQF Level 05)	4
WM-10	Monitoring and analysis of the exploitation of biota and destruction of habitat (NQF Level 06)	32
WM-11	Risk control measures (NQF Level 06)	32
WM-12	Maintenance of monitoring and assessment equipment (NQF Level 05)	4
WM-13	Compilation of a technical report (NQF Level 06)	16
WM-14	Principles of ethical conduct and behaviour (NQF Level 05)	5

**NOTE: IF REGISTERING FOR THE FULL QUALIFICATION, ALL MODULES MUST BE COMPLETED.
T&C's APPLY**