

National Certificate: Environmental Practice

SAQA ID: 49752

NQF Level: 3

Credits: 122

Purpose

This qualification is the third in a series for practitioners in the field of environmental science, environmental management and waste management. This series of qualifications will equip practitioners with the skills, knowledge and values to contribute towards the wise and effective use and management of our natural resources and ecological systems.

No.	SAQA ID	SAQA Title	NQF Level	Credits	Learning Outcomes (Concepts/Content Covered)
1	13912	Apply knowledge of self and team to develop a plan to enhance team performance	3	5	<ul style="list-style-type: none"> Understanding him/herself as worker in a specific position. Identifying own role in an organisation. Understanding the dynamics within a specific group. Using a variety of strategies to deal with potential conflict in a team or group. Developing a plan of action to enhance team performance).
2	116275	Apply routine maintenance and servicing plans and procedures.	3	3	<ul style="list-style-type: none"> Understand and schedule the implementation of a routine maintenance plan. Implement a service maintenance plan. Apply maintenance and service procedures according to specified policies. Ensure the application of appropriate safety measures in the use of agricultural equipment and implements.
3	13223	Apply safety, health and environmental protection procedures	3	3	<ul style="list-style-type: none"> Explain and discuss statutory rights, responsibilities and liability regarding safety Explain and discuss safety, health and environmental objectives, standards and regulations Perform safety & environmental inspections in work area Identify unsafe conditions and take corrective action Report on safety conditions in work area

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4	14050	Care for customers in a community environment	3	5	<ul style="list-style-type: none"> Identify customer needs and expectations in a community environment. Communicate appropriately with customers from the community. Recognise customer dissatisfaction and take appropriate action. Keep accurate records. Explain ways to improve customer service to community members.
5	119822	Collect data for environmental management purposes	3	8	<ul style="list-style-type: none"> Demonstrate understanding of the data collection requirements and plan the sequence of actions required to collect the data. Obtain and prepare equipment and documentation required for data collection. Collect and record data. Care for and store tools and equipment used. Complete and process all applicable documentation. <p>Explain why the data is required.</p>
6	115093	Control workplace hazardous substances	3	4	<ul style="list-style-type: none"> Describing the legal and specified requirements for identifying and dealing with workplace hazardous substances Identifying workplace hazardous substances in specified contexts Identifying risks associated with hazardous substances in specified contexts Controlling hazardous substances in specified contexts
7	116257	Explain human resource policies and procedures	3	3	<ul style="list-style-type: none"> Demonstrate an understanding of Human Resource rules, policies and procedures. Demonstrate an understanding of the various stakeholders and their roles within an organisation. Demonstrate involvement with the preparation and interpretation of contracts and agreements applicable at the workplace.

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8	119821	Implement lean work practices to ensure sound environmental management practices	3	10	<ul style="list-style-type: none"> • Explain and describe concepts related to lean work practices. • Identify opportunities for introducing lean work practices. • Develop an action plan to implement new or modified practices. • Assess, evaluate and report the impact of new or modified practices.
9	119830	Operate specialised vehicles and/or complex static or moving machinery and equipment	3	12	<ul style="list-style-type: none"> • Monitor condition and operation of vehicles, machinery or equipment and resolve problems. • Operate vehicles, machinery or equipment according to workplace standards and about their impact on the environment. • Record and report information related to the condition and operation of the vehicle, machine or equipment. • Discuss and explain concepts and principles related to the operation of equipment.
10	14019	Plan teamwork functions and complete reports.	3	4	<ul style="list-style-type: none"> • Plan tasks in accordance with work policies and procedures. • Organise required resources in accordance with work plan. • Assess risks and plan safety requirements in accordance with legislation and work procedures. • Maintain, complete and submit daily records and reports in accordance with work policies.
11	119829	Use appropriate environmental management tools and protocols to detect and respond to specific impacts	3	10	<ul style="list-style-type: none"> • Identify components of the environment and describe their interrelationships. • Use appropriate terminology when speaking about the environment and environmental issues. • Use appropriate environmental management tools and protocols to monitor activities and processes in my work context, identify those activities that impact on the environment and assess the impacts. • Develop, implement and evaluate a plan to prevent, correct or remedy the identified environmental impacts. • Communicate effectively with team members to ensure their understanding and cooperation about the implementation of the plan. • Record and report information related to these activities.

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12	8968	Accommodate audience and context needs in oral communication	3	5	<ul style="list-style-type: none"> Interact successfully with audience in oral communication Use strategies that capture and retain the interest of an audience. Identify and respond to manipulative use of language
13	114941	Apply knowledge of HIV/AIDS to a specific business sector and a workplace	3	4	<ul style="list-style-type: none"> Explaining HIV/AIDS. Describing what behaviour is safe and what behaviour carries the risk of HIV/AIDS transmission. Interpreting data and trends on HIV/AIDS in order to explain the potential impact on a community, an organisation and a business sector. Investigating the guidelines and assistance that are available to support workers affected by HIV/AIDS. Explaining the implications of the HIV/AIDS pandemic for the community, the economy, an organisation and a specific workplace
14	9010	Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	3	2	<ul style="list-style-type: none"> Convert numbers between the decimal number system and binary number system Work with numbers in different ways to express size/magnitude. Demonstrate the effect of error in calculations.
15	9013	Describe, apply, analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	3	4	<ul style="list-style-type: none"> Measure, estimate, and calculate physical quantities in practical situations relevant to the adult in life or the workplace Explore describe and represent, interpret and justify geometrical relationships and conjectures to solve problems in two- and three-dimensional geometrical situations
16	8969	Interpret and use information from text	3	5	<ul style="list-style-type: none"> Use a range of reading and viewing strategies to understand the literal meaning of specific texts Use strategies for extracting implicit messages in texts Respond to selected texts in a manner appropriate to the context Explore and explain how language structures and features may influence a reader.

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17	9012	Investigate life and work-related problems using data and probabilities	3	5	<ul style="list-style-type: none"> • Pose questions, collect and organise data. • Represent and interpret data using various techniques to investigate real life and work problems. • Use random events to explore and apply probability concepts in simple life and work-related situations. .
18	8973	Use language and communication in occupational learning programmes	3	5	<ul style="list-style-type: none"> • Access and use suitable learning resources • Use learning strategies • Manage occupational learning programme materials • Conduct basic research and analyse and present findings • Function in a team • Reflect on how characteristics of the workplace and occupational context affect learning.
19	7456	Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	3	5	<ul style="list-style-type: none"> • Use mathematics to plan and control personal and/or household budgets and income and expenditure. • Use simple and compound interest to make sense of and define a variety of situations including investments, stokvels, inflation, appreciation and depreciation. • Investigate various aspects of financial transactions including costs, prices, revenue, cost price, selling price, loss & profit.
20	8970	Write texts for a range of communicative contexts.	3	5	<ul style="list-style-type: none"> • Write for a specified audience and purpose • Use language structures and features to produce coherent and cohesive texts for a wide range of contexts • Draft own writing and edit to improve clarity and correctness