
	<b>BQA NCQF QUALIFICATION TEMPLATE</b>	Document No.	DNCQF.P01.GD02
		Issue No.	01
		Effective Date	01.08.2022

SECTION A: QUALIFICATION DETAILS															
<b>QUALIFICATION DEVELOPER (S)</b>			Okavango Guiding School T/A African Guide Academy												
<b>TITLE</b>		Certificate IV in Tourism Nature Guiding										<b>NCQF LEVEL</b>		4	
<b>STRANDS (where applicable)</b>		1. Day-trip Vehicle Guide 2. Back-up Trails Guide 3. Day-trip Boat Guide													
<b>FIELD</b>		Services			<b>SUB-FIELD</b>			Personal services			<b>CREDIT VALUE</b>		6 0		
New Qualification					x	Legacy Qualification									
<b>SUB-FRAMEWORK</b>			Services				TVET			x	Higher Education				
<b>QUALIFICATION TYPE</b>		Certificate	I		II		III		IV	x	V		Diploma	Bachelor	
		Bachelor Honours				Post Graduate Certificate						Post Graduate Diploma			
		Masters						Doctorate/ PhD							
<b>RATIONALE AND PURPOSE OF THE QUALIFICATION</b>															
<p><b>RATIONALE:</b> According to the Education and Training Sector Strategic Plan (ETSSP) “The country continues to face development challenges such as unemployment, poverty and income in equality and a relatively undiversified economy...” The ETSSP goes on to state “The expected levelling off in diamond production within the next 20 years may overshadow the long-term economic prospects.” With tourism being a renewable resource that generates significant foreign revenue, this industry will be an important part of combatting poverty and unemployment as tourism spreads to other parts of Botswana.</p> <p>The ETSSP further states “Botswana continues to carry through the requisite reforms which include introducing measures to strengthen the economy and even more importantly, diversifying it away from its dependence on diamonds”. From this it is clear that Botswana must change its reliance on non-renewable resources to renewable resources such as tourism. In order to grow the tourism sector and become</p>															

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competitive with our rival countries, Botswana needs exceptional training and assessment in the Tourism field.

According to VISION 2036 “The tourism industry will be diversified to provide economic growth and employment opportunities for local communities”. The diversification of tourism away from the core wildlife areas will require an even higher level of guides, able to create holistic wilderness experiences in the absence of abundant wildlife and our iconic wilderness areas. In order to do this, Botswana will require an exceptional qualification on the NCQF to recognise the achievements of guides.

#### **PURPOSE: (itemise exit level outcomes)**


The purpose of the qualification is to equip graduates with broad knowledge, skills, and competences to:

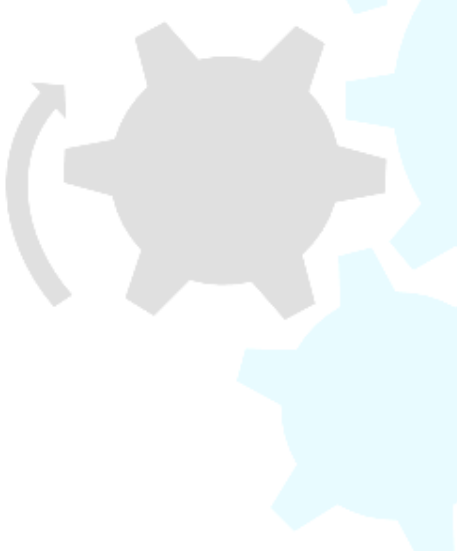
- Identify all common fauna and flora within the area of operation
- Operate a safe, informative and interpretive nature guided experience
- Interpret behaviour of animals within the area of operation
- Interpret the ecological processes in the area of operation
- Present on a relevant topic to guests.
- Operate within and apply the laws and ethics involved with guiding within Botswana and the specific area of operation.

#### **MINIMUM ENTRY REQUIREMENTS (including access and inclusion)**


- NCQF Level 3, Certificate III or equivalent.
- There will be provision for RPL and CAT for entry according to the national RPL and CAT policies.


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<b>SECTION B QUALIFICATION SPECIFICATION</b>	
<b>GRADUATE PROFILE (LEARNING OUTCOMES)</b>	<b>ASSESSMENT CRITERIA</b>
Provide First Aid	External (NCQF3)
<p>1 Operate in a guiding environment following the minimum health and safety standards.</p> 	<p>1.1. Anticipate situations where there is a risk of injury or death.</p> <p>1.2. Refrain from entering into situations where there is a risk of injury or death to guests and/or others without creating unnecessary fear.</p> <p>1.3. Warn guests and colleagues to avoid basic risks on an activity.</p> <p>1.4. Identify the prescribed medical conditions that may affect your guests in a manner that allows them to approach you privately.</p> <p>1.5. Take action to deal with the prescribed medical conditions and when guests would need to be handed over to medical professionals.</p> <p>1.6. Deal with serious medical emergencies in terms of first-aid and facility protocols.</p> <p>1.7. Demonstrate the ability to identify the working parts of a 2-way radio, explaining their functions; means of basic fault finding, performing radio checks and conversations using appropriate radio language and etiquette.</p>
<p>2 Conduct a safe, informative and entertaining activity for guests with informative interpretation of the biotic component of the ecosystem (mammals, birds, reptiles, amphibians, invertebrates, fungi and plants) within the legal</p>	<p>2.1 Prepare a vehicle/boat with all the prescribed equipment and checks for an activity in a punctual manner.</p> <p>2.2 Greet guest before an activity in a courteous manner with appropriate physical presentation and ascertain specific interests to assist with planning a suitable</p>


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<p>framework of Botswana and the National Code of Conduct for guides.</p> 	<p>route.</p> <p>2.3 Conduct a pre-activity briefing for guests covering the intended route aligned with guests expectations and all safety aspects.</p> <p>2.4 Keep guests informed of the progress of the activity; get buy in for any changes to the initial plan and incorporate moments of tranquillity in the activity.</p> <p>2.5 Park at sightings in a manner that reduces stress on the animals and maximises guest comfort, experience and photographic opportunities.</p> <p>2.6 Identify visually and by sound (where appropriate) the prescribed species encountered in their natural environment</p> <p>2.7 Classify taxonomically the prescribed species found in the natural environment.</p> <p>2.8 Interpret habits, habitat, defence mechanisms, social groupings, reproduction, conservation status, symbiotic relationships and daily activity cycles for the prescribed species for guests.</p> <p>2.9 Give informative insight into the physical structure of plants, methods of identification, photosynthesis, medicinal uses, successional status as well as browsing and grazing value.</p> <p>2.10 Describe to guests the unique physical adaptations relating to the niche of the prescribed species found on activity.</p> <p>2.11 Elaborate on the migratory status of prominent birds encountered on activity with guests.</p> <p>2.12 Elaborate on the health risk the prescribed species encountered pose to humans on a guided activity.</p> <p>2.13 Point out the biotic and abiotic structural ecological components, interactions and processes that make up the ecosystems including energy flows</p>
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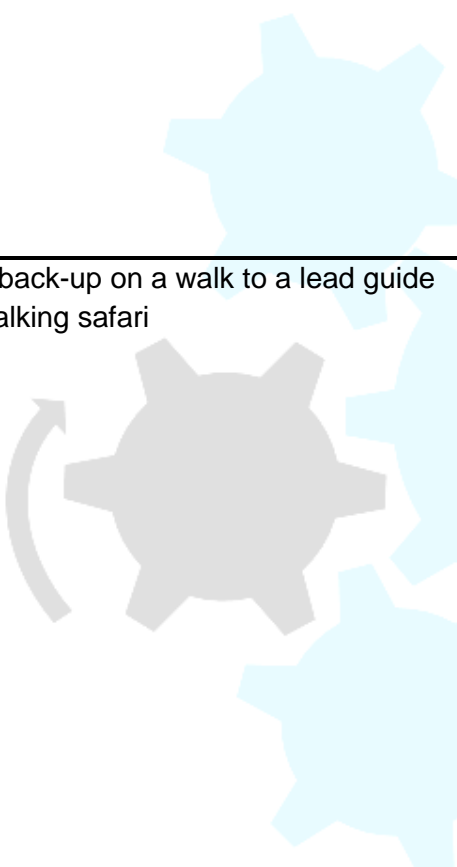
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	<p>in your area of guiding on a guided experience.</p> <p>2.14 Discuss with guests the legal protection given to the area of operation, Botswana's national parks / game reserves / sanctuaries / wildlife management areas as well as the wildlife that reside in these areas.</p>
<p>3 Conduct an informative presentation on our solar system, galaxy and satellite galaxies with guests.</p> 	<p>3.1. Describe to guests the make-up and position in relation to the Sun of the 8 planets in our solar system and identify 4 of the visible planets of our Solar System.</p> <p>3.2. Demonstrate to guests how to determine the difference between planets and stars in the night sky.</p> <p>3.3. Describe the current phase of the moon in terms of the lunar cycle and how this will change using the correct terminology.</p> <p>3.4. Explain to guests the difference between shooting stars, meteors and meteorites.</p> <p>3.5. Locate the prescribed satellite galaxies, constellations and prominent stars and recount prescribed mythology surrounding them and ways in which they may be used for finding direction.</p>
<p>4 Give a comprehensive presentation to guests on the geological history of the planet, geological processes, rocks and soil types and their effects on the biodiversity of your area of guiding.</p>	<p>4.1 Describe the formation of Earth, its layers, rock types, crustal faults, warping and tectonic drift .</p> <p>4.2 Expand on the processes of weathering and erosion and how the resulting soils affect the biodiversity and ecology of the area of guiding.</p> <p>4.3 Explain to guests the river morphology of local rivers from and elaborate on the differences from source to discharge.</p>
<p>5 Show the ability to measure and predict weather to enhance the guided experience and avoid weather related hazards.</p>	<p>5.1 Explain to guests the apparatus we use to measure weather and monitor climate.</p> <p>5.2 Elaborate to guests on the factors influencing weather and climate including; seasons, frontal systems,</p>


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	<p>prevailing winds and currents, cloud formation and cloud types and how it affects your area of operation.</p> <p>5.3 Ensure the safety precautions and threat relating to extreme heat, lightning, hail and heavy precipitation are considered and appropriate action is taken to avoid risk.</p>
<p>6 Plan an itinerary for guests using knowledge of Botswana.</p> 	<p>6.1 Explain potential visitors to Botswana how the size and population of Botswana compares to similar geographic locations.</p> <p>6.2. Describe to potential guests the major attractions of Botswana including; game reserves / national parks, major hill systems, salt pans, and river systems in terms of location, seasonality logistics and major attractions or activities.</p> <p>6.3. Give a brief overview of the major tribes of Botswana in relation to their origins, settlement of the country and cultural practices to guests.</p>
<p>7 Perform basic fault-finding and driving of a 4x4 vehicle</p>	<p>7.1. Identify basic components of the electrical system, fuel system, cooling system, brake and clutch system and drive train.</p> <p>7.2. Describe possible faults that may occur with the above systems and components.</p> <p>7.2. Drive a 4x4 vehicle using appropriate gear ratios for different terrain in a manner that enhances guest experience and minimises wear and tear on the components.</p>
<p>8 View PDA's safely with guests from a vessel</p>	<p>8.1 List the PDA's in area of operation and describe the approach zones and their likely response to your approach in these zones as well as the appropriate action to take to these reactions.</p>


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	8.2 Park at sightings with Potentially Dangerous Animals (PDA's) in a manner that allows you to depart quickly and safely, allowing the animal suitable escape routes.
	8.3 Detect mood changes in PDA's being viewed, taking decisive action while demonstrating guest control should it be required, reassuring guests and checking on their welfare when the situation has been dealt with.
9 Provide back-up on a walk to a lead guide during a walking safari	<p>9.1 Discuss the outline of the walk, confirmation of communication methods, guest control and expectation of the lead guide prior to the walk.</p> <p>9.2 Discuss the reasons for the use of a brain shot versus heart/lung shot, anchor shot or other parts of the anatomy and demonstrate the prescribed legal and empathetic actions to be taken after an animal has been destroyed on trail.</p> <p>9.3 Conduct a self-introduction to guests including an outline of your role as a back-up guide.</p> <p>9.4 Provide constant vigilance in a manner that enhances the safety of the group without creating undue anxiety and maintain group control in a firm but friendly manner where required, maintaining clear communication with the lead guide – reacting clearly and quickly to any commands.</p> <p>9.5 Demonstrate on trail the acceptable carry methods for a weapon as a back-up trails guide.</p> <p>9.6 Interpret the fauna and flora encountered on the activity in a manner that enhances the guest experience.</p>
10 Use a rifle as a back-up to a lead guide on trail.	<p>10.1 Conduct a full weapons and ammunition check including suitability of calibre and ammunition and all prescribed components and recount the 15 golden rules of rifle safety.</p> <p>10.2 Cycle the ammunition, load, place into carry mode and off load the weapon according to the prescribed practices.</p>


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	<p>10.3 Go from a relaxed stance with your weapon in “carry mode” to firing 2 shots at the specified target; immediately reloading the weapon and holding the aim on the final target with the finger on the trigger. The candidate must score 75% or above using the nationally accepted calibre, targets, distances, brain/stun area templates, shot scoring and times.</p> <p>10.4 Demonstrate the ability to go from a relaxed stance with your weapon in “carry mode” to firing 2 shots at the specified target; immediately reloading the weapon and holding the aim on the final target with the finger on the trigger. One of the 2 rounds will be a dummy round that will not detonate. The candidate must eject the dummy according to the nationally accepted protocols. The candidate must score 75% or above using the nationally accepted calibre, targets, distances, brain/stun area templates, shot scoring and times.</p> <p>10.5 Point out the brain and stun areas of all PDA’s and explain the use of brain shots versus heart / lung and anchor shots.</p>
	<p>11 Safely encounter PDA’s on foot as a back-up trails guide.</p> <p>11.1 Provide evidence that you have logged 50 hours on foot.</p> <p>11.2. Provide evidence that you have encountered a minimum of 3 potentially dangerous animals on foot as a member on trail</p> <p>11.3. Provide evidence that you have encountered a further 3 PDA’s as back-up or lead under the mentorship of a Lead Trails Guide.</p>
	<p>12 Perform basic fault-finding and driving of a motor boat.</p> <p>12.1 Identify and explain the function and possible faults of the electrical, water cooling, fuel delivery and steering systems with all the prescribed parts.</p> <p>12.2 Drive a motor boat in a manner that enhances guest experience and minimises wear and tear on the components.</p> <p>12.3 Fuel a boat in an environmentally sensitive manner.</p>


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<p>13 Provide an angling experience for guests on a boat.</p> 	<p>13.1 Demonstrate the ability to prepare and rig sufficient and suitable equipment for a group of guests describing the types of artificial lures that are used in various situations and for different species.</p> <p>13.2 De-barb all hooks to minimize damage to fish.</p> <p>13.3 Demonstrate to the guests how to cast into the correct areas, retrieve at a suitable speed and hook a fish if a bite ensues.</p> <p>13.4 Land, photograph and release of fish caught by guests in an eco-friendly manner.</p> <p>13.5 Interpret the morphological features and ecological adaptations of species caught in an eco-friendly manner.</p> <p>13.6 De-rig, clean and store all equipment according to facility protocol at the end of the activity.</p>
<p>14 Provide a presentation on the fish species of Botswana with specific focus on the area of operation.</p>	<p>14.1 Identify prescribed species of fish for guests.</p> <p>14.2 Explain the morphological adaptations, diet, habits and preferred habitats for the prescribed species of fish to guests as well as any conservation issues facing them.</p> <p>14.3 Discuss possible conservation issues facing the prescribed species of fish and the habitats they depend upon.</p>


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SECTION C		QUALIFICATION STRUCTURE			
COMPONENT	TITLE	Credits Per Relevant NCQF Level			Total Credits
		Level [ 3 ]	Level [ 4 ]	Level [ 5 ]	
<b>FUNDAMENTAL COMPONENT</b> Subjects/ Courses/ Modules/Units	Provide first aid (external)	3			
	Operate in a guiding environment following the minimum health and safety standards.		3		
<b>CORE COMPONENT</b> Subjects/Courses/ Modules/Units	Conduct a safe, informative and entertaining activity for guests with informative interpretation of the biotic component of the ecosystem (mammals, birds, reptiles, amphibians, invertebrates, fungi and plants) within the legal framework of Botswana and the National Code of Conduct for guides.		30		
	Conduct an informative presentation on our solar system, galaxy and satellite galaxies with guests.		3		
	Give a comprehensive presentation to guests on the geological history of the planet, geological processes, rocks and soil types and their effects on		3		

 <b>BOTSWANA</b> Qualifications Authority	<b>BQA NCQF QUALIFICATION TEMPLATE</b>	Document No.	DNCQF.P01.GD02
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	the biodiversity of your area of guiding				
	Show the ability to measure and predict weather to enhance the guided experience and avoid weather related hazards.		3		
	Plan an itinerary for guests using knowledge of Botswana		2		
	Give a short presentation on a topic of interest to guests.		2		
STRANDS/ SPECIALIZATION	Subjects/ Courses/ Modules/Units	Credits Per Relevant NCQF Level			Total Credits
		Level [ 3 ]	Level [ 4 ]	Level [ 5 ]	
<b>1. Day-trip Vehicle Guide</b>	Perform basic fault-finding and driving of a 4x4 vehicle		6		
	View PDA's safely with guests from a vessel		5		
<b>2. Back-up Trails Guide</b>	Provide back-up on a walk to a lead guide during a walking safari		3		
	Use a rifle as a back-up to a lead guide on trail.		3		
	Safely encounter PDA's on foot as a back-up trails guide.		5		

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<b>3. Day-trip Boat Guide</b>	Perform basic fault-finding and driving of a motor boat.		<b>3</b>		
	View PDA's safely with guests from a vessel		<b>5</b>		
	Provide an angling experience for guests on a boat.		<b>1</b>		
	Provide a presentation on the fish species of Botswana with specific focus on the area of operation.		<b>2</b>		

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SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL	
TOTAL CREDITS PER NCQF LEVEL	
NCQF Level	Credit Value
NCQF 3	3
NCQF 4	57
<b>TOTAL CREDITS 60</b>	

**Rules of Combination:**  
(Please Indicate combinations for the different constituent components of the qualification)

There are no combinations in this qualification. Learners are required to complete all modules under Fundamental and Core and select a minimum of one strand.

Strands of guiding currently include guiding, back-up trails guiding or boat guiding. Other strands may be added at a later stage.

Electives for Day Trip Vehicle Guide include;

- Perform basic fault-finding and driving of a 4x4 vehicle
- View PDA's safely with guests from a vessel


Electives for Back-up Trails Guide include;

- Provide back-up on a walk to a lead guide during a walking safari.
- Use a rifle as a back-up to a lead guide on trail.
- Safely encounter PDA's on foot as a back-up trails guide.

Electives for Day Trip Boat Guide include;

- Perform basic fault-finding and driving of a motor boat.
- View PDA's safely with guests from a vessel
- Provide an angling experience for guests on a boat.

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## ASSESSMENT ARRANGEMENTS

Assessment will be summative and formative.

Summative assessment will compose roughly 60% of the assessment. Roughly 40% will be formative. The exact ratio will depend on the practical and theoretical strengths of the candidates on the course.

## MODERATION ARRANGEMENTS

Both internal and external moderation will be administered by registered and accredited moderators by BQA.

## RECOGNITION OF PRIOR LEARNING

There shall be provision for awarding the qualification through RPL means according to the ETP RPL policies which are aligned to BQA RPL policies

## CREDIT ACCUMULATION AND TRANSFER

There shall be provision for awarding the qualification through CAT means according to the ETP CAT policies which are aligned to BQA CAT policies

## PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

Horizontally: Field Guide Association of southern Africa (FGASA NQF2 Apprentice Field Guide)

Vertically: Certificate Level 5 Tourism Nature Guide.

Diagonal: None yet.


Possible occupations will be;

- Day Trip Vehicle Guide based out of lodges or town surrounding areas of interest.
- Back-up Trails Guide supporting fully qualified NCQF5 Trails Guides or the current Full Professional Guides on walking activities with guests.
- Day Trip Boat-based Nature Guide based out of lodges or town surrounding areas of interest

## QUALIFICATION AWARD AND CERTIFICATION

Minimum of 60 Credits must be achieved to be awarded with the Certificate IV in Tourism Nature Guide.

All candidates that achieve the above stated requirements through an accredited institution will be issued with a certificate of achievement by the institution.

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## SUMMARY OF REGIONAL AND INTERNATIONAL COMPARABILITY

Comparability was conducted against the following frameworks:

South African (SAQA)

SAQA 17549 FETC Tourist Guiding Level 4 (134 credits)

New Zealand (NZQF)

NZQF 2203 Certificate in Tour Guiding Level 4 (45 credits)

The above qualifications were compared to the proposed “Certificate IV in Tourism Nature Guide – 60 credits”

The proposed qualification articulates well with the 2 benchmarked qualifications, in the following manner:

Purpose statement and exit level outcomes are similar, if not almost the same, with a more guided nature walk focus rather than broader, generic application.

Curriculum areas of life skills, guiding, and conservation context are similar, and additional curriculum areas for legal compliance is the same.

Fundamental, core and elective skills are very similar to all six benchmarked qualifications, again with a narrower focus on guided nature walks, dangerous animals, and nature-based pre-knowledge.

Curriculum elements such as ecology, fauna, flora, tracking and weapons proficiency of the proposed qualification is similar / the same as the benchmarked qualifications.

Assessment requirements and articulation of the proposed qualification is similar, if not the same as the benchmarked qualifications, as it takes the south African guiding context of legal registration into consideration (seemingly not a requirement in the Australian qualifications).

Overall, the proposed qualification has strong comparability and articulation with the qualifications benchmarked, but with a strong occupational and contextual focus on nature guided walks, environmental (fauna and flora) education and the purpose of proximity to potentially dangerous game.

## REVIEW PERIOD

5 Years.

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