



## REGISTERED NATIONAL STANDARD

### UNIT OF COMPETENCY

<b>Title:</b>	Tonga maritime regulations, whale watching and other legislations				
<b>TQF Level:</b>	4	<b>Credits:</b>	15	<b>Version:</b>	1
<b>National standard code:</b>	NS023-04				
<b>Associated qualification (and code):</b>	National Certificate in Whale Guiding Level 4 (QR-04-NQ-018-04-0903-19-01)				
<b>Approval date:</b>	11 June 2019	<b>Review date:</b>	11 June 2024		
<b>Purpose:</b>	<p>People credited with this unit are able to:</p> <ol style="list-style-type: none"> <li>1. Maintain operations within local marine environmental regulations and conventions;</li> <li>2. Initiate response to environmental accidents and breaches of environmental regulations;</li> <li>3. Describe legislative protection for whales and the consequences,</li> <li>4. Reduce and report whale incidents brought about by commercial whale watch operations.</li> </ol>				

<b>Learning Outcome 1 (LO1)</b>	Maintain operations within local marine environmental regulations.
<b>Performance standards</b>	<p>1.1 Compliance with local regulations is maintained;</p> <p>1.2 Potential and actual breaches in compliance are identified.</p> <p>1.3 Activities are reviewed for environmental compliance and impact, and are actioned in accordance with establishment policies and procedures; and</p> <p>1.4 Precautions are implemented in a situation where environmental regulations might be contravened.</p>
<b>Learning Outcome 2 (LO2)</b>	Initiate response to environmental accidents and breaches of environmental regulations.
<b>Performance Standards</b>	<p>2.1 Response is initiated to contain the cause of the environmental damage and minimise or stop the flow of any damaging agents in accordance with company policies and procedures and legislative requirements;</p> <p>2.2 Authorities are advised of pending and actual incidents of environmental damage in accordance with company policies and procedures;</p> <p>2.3 Dangerous goods handling, stowage, and response is in accordance with the <i>International Marine Dangerous Goods (IMDG)</i> regulations; and</p> <p>2.4 Records relating to environmental accidents are completed in accordance with company policies and procedures.</p>
<b>Learning Outcome 3 (LO3)</b>	Describe the legislative protection for whales.
<b>Performance standards</b>	<p>3.1 Relevant legislations and regulations that provide protection for whales, both local and international, are described; [Note: <i>Tonga Whale Watching Act 2008</i> and the <i>Tonga Whale Watching and Swimming Regulation 2013</i>.]</p> <p>3.2 The level of legal protection of whales are described; and.</p> <p>3.3 Sanctions (to individuals and/or operations) for non-compliance with relevant whale protection requirements are clearly outlined.</p>

<b>Learning Outcome 4 (LO4)</b>	Demonstrate understanding of the consequences of whale incidents by commercial whale watch operators.
<b>Performance standards</b>	<p>4.1 The consequences, of whale incidents by commercial whale watch operators, to the <b>marine ecosystem</b> are described;</p> <p>4.2 The consequences of whale incidents by commercial whale watch operators to the <b>whale watching industry</b> are described; and</p> <p>4.3 The consequences of whale incidents by commercial whale watch operators to the <b>economic operation of the whale watch vessel</b> are described.</p>
<b>Learning Outcome 5 (LO5)</b>	Demonstrate methods for the reduction of whale incidents during commercial whale watch operations.
<b>Performance standards</b>	<p>5.1 Elements of the whale watch operation that present risk of incidents with whales are described;</p> <p>5.2 Ways of reducing the susceptibility of whale watch boats having risky encounters with marine mammals and in accordance with establishment requirements are described;</p> <p>5.3 Methods for reducing incidents by clients swimming with whales are outlined.</p>
<b>Learning Outcome 6 (LO6)</b>	Demonstrate understanding of the recording and reporting requirements for whale incidents.
<b>Performance standards</b>	<p>6.1 Procedures for whale watch incident data recording and reporting in accordance to legal requirements are outlined; and</p> <p>6.2 The purpose of whale incident data collection is described.</p>
<b>Pre-requisites</b>	N/A
<b>Co-requisites</b>	NS020-04 and NS021-04
<b>Underpinning skill and knowledge</b>	Swimming skills; Maintaining buoyancy in water; Outboard-motor operation skills; Research skills, General Science knowledge; Communication skills (Tongan and English); Map reading skills; Knowledge of location of countries on the world map; Names and location of main seas and oceans; Tongan culture and traditions.

<p><b>Suggested assessment methods</b></p>	<p>1) Written theory exam (40%)  2) Practical coursework (60%)</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>• Research and seminar presentation;</li> <li>• Simulation activities - water safety, whale safety, etc.;</li> <li>• Work-place attachment.</li> </ul> <p>PLEASE NOTE: This unit is competency-based. Refer to the section on <i>Requirements to complete this unit</i> for more information. Please consider this in your design and plan of assessment.</p>
<p><b>Resource requirements</b></p>	<ol style="list-style-type: none"> <li>1. Conventional physical resources such as classroom, student desks, etc.;</li> <li>2. Computers plus internet access for students and staff;</li> <li>3. Training boat installed with engine/outboard motor and with safety equipment/gear (or necessary arrangements made);</li> <li>4. Relevant reading resources; and</li> <li>5. Unit outline.</li> </ol>
<p><b>Moderation arrangements</b></p>	<p>Provider Moderation processes, OR  TNQAB Moderation processes:</p> <ul style="list-style-type: none"> <li>• Pre-marking</li> <li>• Intra-marking</li> <li>• Post-marking</li> </ul>
<p><b>Requirements to complete this unit</b></p>	<p>Competency requirement for this unit is 90% (i.e. students must attain 90% or more of the performance standards to complete this unit). Those who fail to be competent after three (3) attempts will be required to re-enrol in the unit</p>
<p><b>Public comments on unit</b></p>	<p>Please contact TNQAB National Qualifications Unit (email <a href="mailto:EnquireNQ@tnqab.to">EnquireNQ@tnqab.to</a> or Telephone 28136) if you like to discuss or suggest changes to the details of this unit.</p>