



REGISTERED NATIONAL STANDARD

UNIT OF COMPETENCY

Title:	Abandon ship procedures and sea survival techniques Note: This unit has been adapted from the NZQA registered standard 12309 version 5 <i>Demonstrate knowledge of abandon ship procedures and sea survival techniques</i>		
TQF Level:	4	Credits:	15
Version:	1		
National standard code:	NS025-04		
Associated qualification (and code):	National Certificate in Whale Guiding Level 4 (QR-04-NQ-018-04-0903-19-01)		
Approval date:	11 June 2019	Review date:	11 June 2024
Purpose:	People credited with this unit standard are able to: <ol style="list-style-type: none"> 1. describe the prevention, symptoms and treatment of cold shock and hypothermia; 2. demonstrate knowledge of muster and emergency stations, muster lists, signals, and sea survival equipment; 3. demonstrate sea survival techniques; 4. demonstrate knowledge of the equipment contained in a life-raft and preparations for rescue; and 5. demonstrate knowledge of emergency radio distress calling procedures. 		

Learning Outcome 1 (LO1)	Describe the prevention, symptoms and treatment of cold shock and hypothermia.
Performance standards	<p>1.1 Methods of preventing cold shock and hypothermia are described in accordance with accepted survival management procedures.</p> <p>1.2 Symptoms of cold shock and hypothermia are described in accordance with accepted survival management procedures.</p> <p>1.3 Treatment of cold shock and hypothermia are described in accordance with accepted survival management procedures.</p>
Learning Outcome 2 (LO2)	Demonstrate knowledge of muster and emergency stations, muster lists, signals, and sea survival equipment.
Performance Standards	<p>2.1 Lifesaving appliances normally carried on vessels are described in terms of their location on a vessel, care and maintenance, fittings, method of deployment, and intended emergency use in accordance with industry practice and the vessel's operating procedures.</p> <p>2.2 Muster and emergency stations, muster lists, distress signaling equipment, and sea survival equipment are described in terms of their intended function, activation, effectiveness and limitations during an in accordance with industry practice and the vessel's operating procedures.</p> <p>2.3 The emergency signal that calls all crew to muster and emergency stations and the duties of a crew member responding to that signal are described in accordance with industry practice and the vessel's operating procedures.</p>
Learning Outcome 3 (LO3)	Demonstrate sea survival techniques.
Performance standards	3.1 Lifejacket is donned and use of lifejacket attachments is explained in accordance with the

	<p>manufacturer's instructions.</p> <p>3.2 Participation in the deployment of a life-raft is in accordance with the manufacturer's instructions.</p> <p>3.3 The candidate enters the water while wearing a lifejacket in accordance with vessel operating procedures.</p> <p>3.4 Upright life-raft is righted from the water while wearing a lifejacket in accordance with the manufacturer's instructions.</p> <p>3.5 Life-raft is boarded in a safe manner in accordance with manufacturer's instructions.</p> <p>3.6 Conscious and unconscious people are assisted into the life-raft and cared for in accordance with accepted survival management procedures.</p> <p>3.7 Life-raft is manoeuvred in accordance with the manufacturer's instructions.</p>
Learning Outcome 4 (LO4)	Demonstrate knowledge of the equipment contained in a life-raft and preparations for rescue.
Performance standards	<p>4.1 Items of equipment contained in a life-raft are identified in terms of their listed name and intended function.</p> <p>4.2 Preparations for rescue from a life-raft are described in accordance with accepted survival management procedures.</p>
Learning Outcome 5 (LO5)	Demonstrate knowledge of emergency radio distress calling procedures.
Performance standards	<p>5.1 Distress frequencies in the very high frequency (VHF) and medium frequency (MF)/high frequency (HF) bands are described in accordance with relevant Radio communication guidelines;</p> <p>5.2 Procedures for sending a radio distress message are explained in accordance with relevant Radio communication guidelines;</p> <p>5.3 The uses and limitations of cell phones in distress</p>

	<p>situations at sea are described.</p> <p>5.4 Available search and rescue systems are explained in terms of Search and Rescue (SAR) organisation roles; and</p> <p>5.5 The importance of correct recording of all details which may be used in a search and rescue operation is explained.</p> <p>[Note: Organizations involved in SAR could be <i>National Emergency and Management Office (NEMO), Tonga Fire and Emergency Services, Tonga Police, Tonga Defence Services, Ministry of Marine and Ports</i>].</p>
Pre-requisites	N/A
Co-requisites	NS026-04
Underpinning skill and knowledge	Swimming skills; Maintaining buoyancy in water; Outboard-motor operation skills; General Science knowledge; Communication skills (Tongan and English); Map reading skills; Names and location of main seas and oceans; Tongan culture and traditions.
Suggested assessment methods	<p>1) Written theory exam (30%)</p> <p>2) Practical coursework (70%)</p> <p>Examples:</p> <ul style="list-style-type: none"> • Research and seminar presentation; • Simulation activities - distress calling, rescue operation, etc.; • Work-place attachment. <p>PLEASE NOTE: This unit is competency-based. Refer to the section on Requirements to complete this unit for more information. Please consider this in your design and plan of assessment.</p>
Resource requirements	<ol style="list-style-type: none"> 1. Conventional physical resources such as classroom, student desks, etc.; 2. Computers plus internet access for students and staff; 3. Training boat installed with engine/outboard motor and with safety equipment/gear such as

	<p>life vests, UHF radio etc. (or necessary arrangements made);</p> <ol style="list-style-type: none"> 4. Basic first aid resources: 5. Relevant reading resources; and 6. Unit outline.
<p>Moderation arrangements</p>	<p>Provider Moderation processes, OR TNQAB Moderation processes:</p> <ul style="list-style-type: none"> • Pre-marking • Intra-marking • Post-marking
<p>Requirements to complete this unit</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>Public comments on unit</p>	<p>Please contact TNQAB National Qualifications Unit (email EnquireNQ@tnqab.to or Telephone 28136) if you like to discuss or suggest changes to the details of this unit.</p>