



Australian Government

Department of Education, Employment and Workplace Relations

SISOPWC303A Ride personal water craft in moderate to difficult conditions

Release: 2

SISOPWC303A Ride personal water craft in moderate to difficult conditions

Modification History

Not Applicable

Unit Descriptor

This unit describes the performance outcomes, skills and knowledge required to ride a personal water craft in moderate to difficult conditions.

Application of the Unit

This unit applies to those working as personal water craft guides, lifeguards or search and rescue crew in moderate to difficult conditions with winds of up to 21 knots, breaking waves of at least 1.0 metre and surf to 2.0 metres.

This unit may also apply to leaders working for outdoor education or adventure providers; volunteer groups; not-for-profit organisations or government agencies.

Licensing/Regulatory Information

No licensing, regulatory or certification requirements apply to this unit at the time of endorsement.

Pre-Requisites

Nil

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the Evidence Guide.

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| <ol style="list-style-type: none"> 1. Plan to ride a personal water craft. 2. Select and use equipment. 3. Perform pre start checks. 4. Ride personal water craft. | <ol style="list-style-type: none"> 1.1. Identify and plan <i>food and water requirements</i> according to <i>principles of nutrition</i> and <i>contextual issues</i>. 1.2. Identify an appropriate activity site according to <i>relevant legislation</i> and <i>organisational policies and procedures</i>. 1.3. Choose routes or lines to minimise damage to the environment. 1.4. Access <i>relevant sources</i> to interpret <i>weather and environmental information</i> and determine activity plan. 1.5. Identify possible <i>hazards</i> and <i>obstacles</i> associated with the activity and minimise <i>risks</i>. 1.6. Communicate trip plans to an emergency contact and any other appropriate persons as required. 2.1. Identify the factors affecting equipment selection and select suitable <i>equipment</i> appropriate to the conditions. 2.2. Fit and adjust equipment according to manufacturer's specifications, to ensure comfort and safety. 2.3. Determine and carry an in- field repair kit and adequate fuel provisions. 2.4. Prepare, secure, load and unload personal water craft, where required, for safe transportation to activity location. 3.1. Carry out <i>pre start checks</i> of personal water craft according to manufacturer's specifications and safety practices, and take action to correct any deficiencies. 3.2. Stow equipment, stores and personal items. 3.3. Confirm number of passengers does not exceed craft design limits, according to relevant legislation. 4.1. Start personal water craft using recommended technique to maintain safety and stability. 4.2. Survey area of operation to identify hazards, assess |
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ELEMENT**PERFORMANCE CRITERIA**

- risk and select the safest route.
- 4.3. Modify **technique** to account for obstacles and changes in **moderate to difficult conditions** and apply appropriate weight transfer techniques during cornering.
- 4.4. Apply emergency stop procedures and complete launching and retrieval according to safe practices.
- 4.5. Identify and use aids to small craft navigation and landmarks to determine and monitor craft position and to select routes that minimise damage to the environment.
- 4.6. Monitor craft and passengers at all times, and apply collision avoidance techniques as required according to recognised regulations and rules.
- 4.7. Apply group or bunch riding techniques and communicate with other craft and waterways users to maintain safety.
- 4.8. Conduct a tow in **controlled water conditions** according to relevant legislation and organisational policies and procedures.
5. Evaluate personal water craft ride.
- 5.1. Evaluate **relevant aspects** of the activity.
- 5.2. Identify improvements for future rides in moderate to difficult conditions.
- 5.3. Consider the impact of craft use on others and the environment.

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills

- teamwork skills to work with others to lift, carry and secure personal water crafts safely
- communication skills to interact with passengers and other water craft users
- listening skills to follow instructions and directions from passengers and rescue crew
- planning and organising skills to select a suitable location and minimal impact route
- problem-solving skills to:
 - plan and follow a route
 - repair and maintain craft
 - deal with emergencies and contingencies
- first aid and emergency response skills appropriate to the location to enable initial response to emergencies and personal health care.

Required knowledge

- legislation and organisational policies and procedures to enable safe conduct of all personal water craft activities
- equipment and personal water craft types, characteristics and technology, the advantages and disadvantages of the range of equipment and the purpose of safety features
- navigation techniques to determine location and direction
- principles of nutrition to maintain health during activity
- basic weather and environmental information to ascertain possible conditions and their affect on the activity
- sea features, such as currents, waves and tides, and how these might impact on the personal water craft riding experience
- maintenance tools and repair kits to enable basic maintenance to be carried out
- emergency and rescue procedures appropriate for the craft and location to ensure risk and hazard minimisation to self and group.

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Evidence of the following is essential:

- applies relevant process to plan and select craft, equipment and route suitable to the conditions and duration of the activity
- performs pre start and safety checks on the personal water craft and corrects any deficiencies
- demonstrates control, balance and negotiation of hazards in moderate to difficult conditions and modifies technique according to change in weather and water conditions to maintain safety
- evaluates and reflects on own performance to identify strengths, weaknesses and areas that need improvement.

Context of and specific resources for assessment

Assessment must ensure participation in multiple personal water craft activities on moderate to difficult waters to demonstrate competency and consistency of performance.

Assessment must also ensure access to:

- a suitable body of water, with winds of 7-21 knots, wave heights of at least 1m, and surf up to 2 metres
- personal water craft equipment, tools and spare parts, safety and first aid equipment, and aids to small craft navigation
- resources and information, such as weather sources, to plan and select equipment for the activity
- a suitable and safe method of transport, if required to drive craft to and from activity location.

Method of assessment

A range of assessment methods should be used to assess practical skills and knowledge. The following examples are appropriate for this unit:

- oral or written questioning to assess knowledge of safety aspects and advanced personal water craft riding techniques
- observation of safe participation and demonstration of technique while maintaining control of the craft at all times
- written and or verbal self evaluation

- third-party reports from a supervisor detailing performance.

Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example:

- SISOPWC004A Guide tours using personal water craft.

Range Statement

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Food and water requirements may include:

- menu planning and preparation
- range of foods.

Principles of nutrition may include:

- food groups
- dietary guidelines
- individual food requirements and allergies.

Contextual issues may include:

- weather conditions, including times
- season
- transport
- location
- trip distance and duration
- group objectives
- group size.

Relevant legislation may include:

- occupational health and safety
- permits or permission for access
- environmental regulations
- marine regulations

Organisational policies and procedures may include:

- occupational health and safety
- use and maintenance of equipment
- communication protocols
- emergency procedures
- marine and collision regulations
- noise limits
- code of ethics.

Relevant sources may include:

- Bureau of Meteorology
- media
- land managers or agencies
- coastal patrol or coastguard
- volunteer marine rescue
- local knowledge.

Weather and environmental information may include:

- satellite images
- daily and weekly forecasts
- maximum and minimum temperatures
- weather warnings

- event warnings
- river level
- synoptic charts
- high and low tide predictions.

- Hazards** may include:
- temperature extremes
 - slippery or unstable terrain
 - dangerous animals and insects
 - stinging trees and nettles
 - dense vegetation
 - group management hazards
 - slippery or unstable shore
 - poor posture, poor technique
 - poor carrying techniques
 - poor carrying techniques
 - loose or insecure craft when being transported
 - other craft.
- Obstacles** may include:
- buoys
 - piers
 - submerged items
 - other craft.
- Risks** may include:
- hypothermia
 - heat exhaustion
 - injuries
 - exhaustion
 - lost party or party member
 - equipment and course failure.
- Equipment** may include:
- personal water craft equipment
 - tools and spare parts
 - safety and first aid equipment
 - aids to small craft navigation
 - navigation equipment.
- Pre start checks** may include:
- fuel connection
 - battery charge and connection
 - kill switch
 - fumes, petrol
 - fuel and water leaks
 - bilge water levels
 - controls and cables
 - oil and fuel
 - drive shaft.
- Technique** may include:
- launching or retrieving
 - change in posture or position
 - sitting and standing
 - weight transfer and distribution
 - speed and throttle control

Moderate to difficult conditions may include:

- stopping and driving
- turning and manoeuvring
- navigating a route
- towing or being towed.
- moderate conditions:
 - simple coastline
 - minimum winds of 7 - 10 knots
 - breaking waves up to 1.0 m
 - small surf 0.5 to 1.0 m
- difficult conditions:
 - open crossings
 - wind speeds of 7 - 21 knots
 - wave heights of at least 1.0 m
 - surf up to 2.0m.

Controlled water conditions may include:

- winds no more than 10 knots
- seas less than 1 metre
- surf no higher than 0.5 metre.

Relevant aspects may include:

- objectives
- planning process
- activity site
- weather
- equipment selection
- clothing selection
- food selection
- instructional content
- instructional technique
- assessment technique
- group feedback
- directing techniques
- rescue techniques employed.

Unit Sector(s)

Outdoor Recreation

Competency Field

Personal Water Craft