



Australian Government

PUASAR016 Operate and maintain a personal water craft for rescue operations

Release: 1

PUASAR016 Operate and maintain a personal water craft for rescue operations

Modification History

Release 1. This is the first release of this unit of competency in the Public Safety Training Package.

Application

This unit of competency involves the skills and knowledge required to operate and maintain a Personal Water Craft (PWC) and to use PWCs during aquatic rescue operations in surf or open water environments. It includes a range of open water rescue situations using PWCs.

Operators of PWCs will need to fulfil state or territory maritime licensing requirements to operate a PWC.

The unit is applicable to personnel from the emergency services, volunteer organisations and/or organisations where surveillance and rescue operations in open water are undertaken.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Competency Field

Search and Rescue

Unit Sector

Not applicable

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare for operations

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1** Logbooks are reviewed for operational feedback and pre-use information is completed, in accordance with

- organisational procedures and requirements
- 1.2** Pre-operational checks of Personal Water Craft (PWC) are completed, in accordance with organisational procedures and manufacturers' guidelines
 - 1.3** Ancillary equipment is checked and securely stowed, in accordance with organisational procedures
 - 1.4** Personal protective clothing and equipment is applied or stowed, as appropriate
 - 1.5** PWC is transported to launching site and is launched, in accordance with organisational procedures and manufacturers' guidelines
- 2 Receive task information**
- 2.1** Task information received verbally or through communications system is acknowledged
 - 2.2** Personal capability to perform task, based on surf conditions, is evaluated prior to accepting task and this information is communicated to the supervisor, in accordance with organisational procedures
- 3 Manoeuvre PWC according to surf conditions**
- 3.1** PWC is operated safely, in accordance with surf conditions and within the personal skills and limitations of operator
 - 3.2** Local regulations and legislation relevant to the operation of PWC are identified and followed
 - 3.3** Communication with operational base is maintained, in accordance with organisational procedures
 - 3.4** Personal protective clothing and equipment is worn, as required
 - 3.5** Emergency procedures are implemented, in accordance with organisational procedures
- 4 Assess rescue scene**
- 4.1** Risk analysis of rescue scene is undertaken and hazards are identified
 - 4.2** Rescue method suitable to the situation is selected, in accordance with organisational procedures
 - 4.3** Safe passage to and out of the rescue scene is assessed for suitability
- 5 Perform rescue**
- 5.1** Safe passage to and out of the rescue scene is navigated,

- in accordance with organisational procedures
- 5.2 PWC is positioned safely at rescue scene
 - 5.3 Casualty is retrieved safely and is secured, in accordance with organisational procedures
 - 5.4 Progress is communicated to operational base, in accordance with organisational procedures
 - 5.5 Casualty is handed over at designated point, in accordance with organisational procedures
 - 5.6 Casualty transfer is completed, in accordance with organisational procedures
- 6 Complete rescue operations and recovery requirements**
- 6.1 PWC is recovered from launch site and is transported to storage
 - 6.2 Post operational checks and maintenance are completed, in accordance with organisational procedures and manufacturers' instructions
 - 6.3 Debriefing with supervisor or other operational staff is completed
 - 6.4 Logbooks are completed, in accordance with organisational procedures and requirements

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to PUASAR016A Operate and maintain a personal water craft for rescue operations.

Links

PUA Training Package Companion Volume Implementation Guide is found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=3eca5672-6d5a-410b-8942-810d0ba05bbf>

Assessment Requirements for PUASAR016 Operate and maintain a personal water craft for rescue operations

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- assessing rescue scene
- completing operational logbooks and documentation
- finalising rescue operations and recovery requirements including conducting post operational checks and maintenance
- following organisational policies and procedures
- identifying risks and avoiding hazards for rescue operations
- implementing emergency procedures
- interpreting surf conditions
- manoeuvring Personal Water Craft (PWC) to meet with surf conditions including moving PWC safely
- obtaining operational feedback
- operating a PWC safely during rescue operations in a range of surf conditions
- participating in rescue operation briefings and debriefings including receiving task information
- performing rescue safely including implementing a safe passage and transferring casualties safely
- preparing for PWC operations including conducting pre-operational checks
- utilising rescue and ancillary equipment
- wearing personal protective clothing and equipment

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and includes knowledge of

- equipment characteristics and limitations
- organisational documentation, policies and procedures including PWC operational procedures and procedures for cleaning and discarding equipment in terms of environmental management and sustainability

- personal protective clothing and equipment
- retrieval techniques
- search and rescue techniques for rescue operations
- self-rescue techniques for rescue operations
- situation awareness
- surf awareness including beach safety zones
- surf hazards
- surf survival techniques
- types of waves and their characteristic features including effects of wind, tide, swell and ocean floor on surf conditions and features and signs of rips, gutters, sweeps and currents
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) legislated requirements including risk mitigation

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations current at the time of assessment.

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Assessment must occur in workplace operational situations in a range of actual or simulated surf conditions where it is appropriate to do so; where this is not appropriate, assessment must occur in industry approved simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, equipment, tools and personal protective clothing and equipment currently used in industry including
 - equipment used in Personal Water Craft (PWC) rescue operations
 - open water
 - range of challenging surf conditions relevant to area of operations
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operations manuals.

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