



Australian Government

PUASAR015 Crew small powercraft in a rescue operation

Release: 1

PUASAR015 Crew small powercraft in a rescue operation

Modification History

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

Application

This unit of competency involves the skills and knowledge required to act as crew under direction of a skilled operator in a small powercraft during rescue operations in a surf and/or aquatic environment. It includes a range of open water rescue situations crewing small boats.

The unit is applicable to personnel from emergency services and/or volunteer organisations or organisations where additional support on a powercraft is required during surveillance and rescue operations in a surf, aquatic environment and/or open water.

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 powercraft for operations

PERFORMANCE CRITERIA

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

- 1.1** Logbooks are reviewed for previous operational feedback and pre-use information is completed, as directed, by the operator, in accordance with organisational procedures and requirements

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| | 1.2 | Pre-launch checks to ensure operational readiness of craft and safety features are conducted at the direction of the operator, in accordance with organisational procedures and manufacturers' guidelines |
| | 1.3 | Prelaunch operational checks of auxiliary equipment are completed and equipment is safely stowed |
| | 1.4 | Personal protective clothing and equipment is obtained, applied or safely stowed, as required |
| 2 Assist operator to transport powercraft | 2.1 | Safe manual handling techniques are used to assist operator to transport powercraft to launch site |
| | 2.2 | Operator is assisted to unload and position powercraft at water's edge |
| 3 Launch and stabilise powercraft through surf aquatic environment | 3.1 | Level of competence is conveyed to operator in relation to review of surf and/or aquatic environmental conditions |
| | 3.2 | Powercraft is lifted and dragged into water, as directed by operator |
| | 3.3 | Powercraft is secured and positioned, as required, for surf or aquatic environmental conditions |
| | 3.4 | Powercraft is boarded safely on operator command and a secure position is assumed |
| | 3.5 | Position in powercraft is changed at operator's direction to assist with maintaining trim and negotiating surf or aquatic environmental conditions |
| | 3.6 | Lookout for hazards in surf or aquatic environment is maintained and information concerning objects in the water is communicated to operator |
| | 3.7 | Assistance with beaching and stabilising powercraft is provided on return to shore, as directed by operator |
| 4 Participate in emergency | 4.1 | Emergency procedures are implemented safely, as directed by the operator |
| | 4.2 | Assistance is provided with safe manoeuvring of powercraft without operational motor |
| 5 Participate in rescue | 5.1 | Casualty and/or object is retrieved using appropriate retrieval techniques, as directed by operator |

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| | 5.2 | Patient care of casualty is performed, as required |
| | 5.3 | Casualty and/or object is secured for return to shore, in accordance with organisational procedures |
| | 5.4 | Casualty is lifted and object is removed safely from powercraft, as directed by operator |
| 6 Assist with powercraft recovery and restore | 6.1 | Safe manual handling techniques are used to assist operator with transport of craft to storage |
| | 6.2 | Powercraft is cleaned and stored, in accordance with organisational procedures and as directed by the operator |
| | 6.3 | Ancillary equipment is cleaned and stowed, in accordance with organisational procedures and as directed by operator |
| | 6.4 | Operational documentation is completed, as specified |

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 PUASAR015A Crew small powercraft in a rescue operation.

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 PUASAR015 Crew small powercraft in a rescue operation

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 patient care including handling casualty safely
- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements including safety principles and the identification and monitoring of hazards
- assisting operator to transport powercraft
- assisting with powercraft recovery and restoring
- communicating with team members and /or casualties
- completing operational logbooks and documentation
- crewing powercraft confidently and safely in a rescue operation
- following organisational policies and procedures
- launching and stabilising powercraft through surf aquatic environment
- loading and manoeuvring a vessel safely using manual handling methods
- manoeuvring a small powercraft without an operational motor in a rescue operation
- participating in emergency procedures
- performing a rescue
- preparing powercraft for operations including pre-launch checks
- rescuing and retrieving people and recovering objects from water
- securing powercraft using knots and lashings
- using recognised signals, rescue tubes and 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

- characteristics of small powercraft equipment including ancillary equipment
- cleaning and discarding equipment to meet environmental management and sustainability requirements
- effects of wind, tide, swell and ocean floor on surf/aquatic environment conditions
- emergency procedures

- features and signs of rips, gutters, sweeps and currents
- hazards and environmental threats
- manual handling methods
- organisational documentation, policies and procedures including operating procedures
- organisational standards
- patient care
- personal protective clothing and equipment
- powercraft manoeuvring
- powercraft operating procedures
- retrieval techniques
- self-rescue techniques
- surf and aquatic environmental awareness including beach safety zones
- surf and aquatic environmental hazards
- surf and aquatic environmental survival techniques
- types of waves and their characteristic features
- Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) 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 where it is appropriate to do so; where this is not appropriate, assessment must occur in 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.

Competency must be demonstrated over one or more exercises, scenarios or incidents to develop confident boat crewing and may involve setting scenarios to be completed by a rescue boat crew.

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 used in industry including
 - equipment used in rescue boat operations
 - open water
 - range of challenging surf or aquatic environmental conditions relevant to the area of operations
- applicable documentation including organisational procedures, industry standards, equipment

specifications, regulations, codes of practice and operations manuals.

Links

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