



Australian Government

PUASES009 Undertake inland floodboat operations

Release: 1

PUASES009 Undertake inland floodboat 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 act as a member of a crew of a floodboat on inland waterways in low risk water environments, including in times of flood. Floodboat operations may be conducted in urban or rural environments but does not include offshore operations.

Floodboat operators are expected to act as either the operator of the boat or as a member of the crew. A minimum of two operators is required on a floodboat, one person will be in charge of the floodboat.

Requirements for the operation of the floodboat and crew tasks will be determined by the nature of the incident and/or operation, legislative requirements, emergency management plans, organisational policies and procedures and incident context. Typical operations may include evacuations, transport, searches, rescues and resupply operations.

The unit applies to emergency services personnel, marine operators and waterways management organisations, and marine rescue organisations.

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

Pre-requisite Unit

Not applicable

Competency Field

SES Sector

Unit Sector

State/Territory Emergency Services

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare for floodboat operation

- 1.1** Operational and task information is obtained
- 1.2** Operational and task information is used to determine response and equipment requirements
- 1.3** Equipment is checked for serviceability and is stowed for road transportation to prevent loss or damage
- 1.4** Pre-launch checks are conducted, in accordance with organisational policies and procedures
- 1.5** Personal protective clothing and equipment is selected and worn, as appropriate

2 Operate floodboat

- 2.1** Hazard identification, risk assessment and control measures are undertaken, in accordance with organisational policies and procedures
- 2.2** Vessel is launched safely, in accordance with organisational procedures
- 2.3** Pre-start checks are conducted, in accordance with organisational policies and procedures
- 2.4** Start up procedures are followed, in accordance with organisational policies, procedures and manufacturers' guidelines
- 2.5** Vessel is correctly boarded, loaded and trimmed for safety
- 2.6** Vessel is operated applying appropriate techniques
- 2.7** Emergency drills are conducted, as required
- 2.8** Lookout procedures are conducted, in accordance with organisational policies and procedures

3 Undertake floodboat tasks

- 3.1** Floodboat search procedures are conducted, in accordance with organisational procedures and standards
- 3.2** Cargo is transported safely and efficiently
- 3.3** People or objects in the water are recovered safely and efficiently

	3.4	Bodies are recovered using appropriate equipment and tools, in accordance with organisational procedures, to meet coronial requirements
4 Recover and restore floodboat	4.1	Vessel is recovered
	4.2	Vessel and associated equipment are stored, cleaned and serviced, in accordance with organisational procedures and manufacturers' guidelines
	4.3	Signs and symptoms of operational stress in self and others is recognised and reported to relevant personnel
	4.4	Debriefing requirements are contributed to, in accordance with organisational policies and procedures
	4.5	Operational documentation is completed, in accordance with organisational policies and procedures

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.

emergency drills must include

- abandon ship
- break down
- capsize
- distress
- emergency stop
- fire
- manoeuvring without motor
- person overboard
- towing

Unit Mapping Information

This unit replaces and is equivalent to PUASES009A Undertake inland floodboat 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 PUASES009 Undertake inland floodboat 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, performance criteria and range of conditions on at least one occasion and includes

- applying Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) requirements
- collecting and using operational and/or task information
- communicating with people recovered from water and crew members particularly in relation to situational awareness, safety and operational requirements
- completing organisational documentation
- contributing to debriefing sessions
- determining techniques for conducting waterway searches
- handling injured casualties with care whilst recovering to floodboat
- identifying hazards and implementing risk assessments and control measures
- implementing floodboat handling techniques in a variety of conditions
- implementing organisational policies and procedures
- implementing techniques for securing vessel
- operating a floodboat
- participating in emergency drills
- preparing for floodboat operations
- recovering and restoring floodboat
- rescuing people and recovering objects from water
- returning equipment to organisational readiness after use including conducting wash downs and motor flushes
- selecting and using equipment and tools appropriately
- undertaking floodboat tasks
- using 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, performance criteria and range of conditions and includes

knowledge of

- boat handling under adverse conditions including fast flowing currents and operating in and around buildings, structures, fences and power lines
- characteristics and limitations of floodboats and equipment
- effects of water moving over objects and obstacles
- emergency drills
- interorganisational service arrangements including roles and responsibilities of other emergency services and relationships with
- nature of flood water hazards including environmental threats
- organisational documentation, policies and procedures including operational doctrine; personnel roles and responsibilities; risk mitigation; personal hygiene; reconnaissance processes and Work, Health and Safety (WHS)/Occupational Health and Safety (OHS) legislated requirements, practices and guidelines
- personal protective clothing and equipment
- processes and procedures for debriefings
- signs and symptoms of stress

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

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in industry approved simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to

- a range of relevant exercises, case studies, simulations and/or scenarios for floodboats
- relevant and appropriate materials, tools and personal protective clothing and equipment currently used in industry including
 - equipment used in floodboat operations and a floodboat crew
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operations manuals.

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