



Australian Government

PUASES014A Apply flood and fast moving water safety techniques

Release 3

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Modification History

Release	TP version	Comments
3	PUA12 V2.1	Editorial changes.
2	PUA12 V1	Layout adjusted.
1	PUA00 V8.1	First release in TGA.

Unit Descriptor

This unit covers the competency required to operate safely and perform self-rescue in and around water which is considered to be in flood and/or fast moving context/environments.

Application of the Unit

The application of this unit applies to persons who will be performing activities/tasks in or around water which is considered to be flood water and/or fast moving, but not specifically rapids, swift water and/or white water.

Roles to which this unit may apply could include emergency services personnel and marine operators.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

HLTFA311A Apply first aid

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for operations in or around flood and fast moving water	1.1 Appropriate personal protective equipment (PPE) is selected and used
	1.2 Safe and efficient operational activities are ensured by working and communicating with others as a part of team
	1.3 <i>Hazards</i> associated with operations are identified
2. Contribute to safe rescue operations in and around flood and fast moving water	2.1 Safe and stable platforms are identified and used to commence rescue activities according to organisational procedures
	2.2 <i>Appropriate techniques for safe operations</i> from land, vessel and/or water are used
	2.3 Safety of self and others when undertaking rescue operations is monitored
	2.4 Communication with others is undertaken to assist with rescue operations
3. Apply self-rescue	3.1 Potential hazards when operating in moving water are identified
	3.2 Correct <i>body position and techniques</i> to survive and to minimise injury are adopted
	3.3 Opportunities/activities where others may be trying to assist with self-rescue are identified
	3.4 Communication is undertaken with others on bank/edge/vessel to assist with self-rescue
4. Perform safe self-landing techniques	4.1 Appropriate <i>landing techniques</i> to safely exit water are applied
	4.2 After consideration of physical ability, type of craft and <i>situational variances</i> , method of landing is selected
	4.3 Safety of others when landing and/or re-entry to a vessel is ensured

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- apply appropriate self-rescue techniques
- communicate effectively with people involved, specifically in relation to situational awareness, safety and operational requirements
- manoeuvre in flood and/or fast moving water in PPE
- work safely around water

Required Knowledge

- defensive and aggressive swimming techniques
- hazard identification
- hydrology
- possible responses by people involved in flood and fast moving water safety and how to react to these responses

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

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

Assessment must confirm the ability to:

- perform self-rescue techniques to ensure own safety
- survive in or around inland moving water.

Consistency in performance

Competency should be demonstrated over time in a range of conditions expected in the workplace.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed covering a minimum of four possible hazards which are reflective of the workplace environment and context, and are applicable to taking part in activities in flood and/or fast moving water.

The relative unpredictability of flood and/or fast moving water events makes relying on on-the-job assessment impractical, so training and assessment will usually involve setting scenarios to be completed either individually or as a member of a team.

Specific resources for assessment

Access is required to:

- incidents, scenarios, exercises or simulations, or series of tasks
- equipment used in flood and/or fast moving water operations.

Method of assessment

In a public safety environment assessment is usually conducted via direct observation in a training environment or in the workplace via subject matter supervision and/or mentoring, which is typically recorded in a competency workbook.

Assessment is completed using appropriately qualified assessors who select the most appropriate method of assessment.

Assessment may occur in an operational environment or in an industry-approved simulated work environment. Forms of assessment that are typically used include:

- direct observation
- interviewing the candidate

- journals and workplace documentation
- third party reports from supervisors
- written or oral questions.

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 in the Performance Criteria is detailed below.

- Hazards*** may include:
- fauna
 - holes
 - manmade objects
 - rocks
 - sieves
 - slippery banks and/or landing
 - snags
 - stoppers
 - strainers
 - swift moving water
 - undercuts
 - waterfalls
 - weirs
 - wire fences
- Appropriate techniques for safe operations*** may include:
- using a throw bag
- Body position and techniques*** may include:
- aggressive swimming
 - defensive swimming
 - wading
- Landing techniques*** may include:
- climbing into a vessel
 - hauling to shore or bank
 - swimming to vessel or shore or manmade structure
- Situational variances*** may include:
- access or egress
 - availability of assistance
 - current
 - depth of water
 - imminent hazards
 - low light and/or darkness
 - prevailing conditions and/or weather
 - speed of water movement

Unit Sector(s)

Not applicable.