



Australian Government

Assessment Requirements for PUAOPE009

Navigate in an aquatic environment

Release: 1

Assessment Requirements for PUAOPE009 Navigate in an aquatic environment

Modification History

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

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
- completing post navigational activities
- determining and planning a safe route or course using maps and charts
- determining current location, destination and resources
- following organisational policies and procedures
- identifying different types of vessels
- identifying hazards
- interpreting cartographic symbology including contour lines, scale, magnetic variation information
- maintaining accuracy within accepted tolerances when following a route
- maintaining positional awareness
- making maps and charts ready for use
- navigating to destination
- observing situational environment including scanning and picking up on physical cues
- operating radio, intercom, vessel, chart plotter, Global Positioning System (GPS), radar, Radio Direction Finder (RDF) and satellite telephones
- plotting a navigation route
- preparing reports including situational reports (SITREPS)
- reacting to changes in operating environment necessitating replanning a route or course
- returning to home port
- using a variety of communication methods and techniques
- using navigation aids 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

- accepted tolerances

- calculations required for navigation cartographic information including making and using charts
- chart features and symbols
- coastal navigation techniques
- latitude and longitude plotting
- map and chart types
- methods for determining current position
- organisational documentation, policies and procedures
- potential hazards
- report requirements
- route and course planning techniques
- 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 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 and/or simulations including
 - a variety of aquatic conditions and/or environments, weather and visibility conditions including adverse and the use of electronic navigational aids
- relevant and appropriate materials, tools, equipment and personal protective clothing and equipment currently used in industry including
 - communications room
 - equipment used in operational navigation is essential
 - Global Positioning System (GPS) chart plotters
 - operations centre with trained staff
 - rescue vessel fitted with radar
- applicable documentation including organisational procedures, industry standards, equipment specifications, regulations, codes of practice and operation manuals.

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>