



Australian Government

**Assessment Requirements for DEFWDV025**  
**Dive using self-contained underwater**  
**breathing apparatus in open water to a**  
**maximum depth of 30 metres**

# **Assessment Requirements for DEFWDV025 Dive using self-contained underwater breathing apparatus in open water to a maximum depth of 30 metres**

## **Modification History**

Release 1. This is the first release of this unit of competency in the DEF Defence 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 include:

- acting as a relay between two callsigns
- applying relevant legislation, and organisational policies and procedures
- communicating verbally by radio and diving communication devices and non-verbally through signalling methods
- complying with assigned callsigns
- conducting decompression stops and requirements
- conducting unplanned decompression procedures arising from the onset of compression related problems in operations and in simulated emergency drills
- demonstrating situational awareness of position and orientation, equipment (including depth, time and breathing gas gauges), and other divers
- implementing emergency surfacing
- maintaining records according to organisational policies and procedures
- managing hazards during dives
- managing medical complications during dives and recognising these in self and others
- navigating underwater, using a compass only, a complete triangle of side length not less than 30m (way-points only to be distinguishable within 8m)
- switching from primary to secondary breathing system
- taking necessary corrective action/s and managing a range of individual and group contingencies and/or emergencies.

## **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 include knowledge of:

- decompression calculations
- decompression tables to determine decompression times and depths for a range of dive profiles
- decompression techniques

- dive equipment capabilities and limitations
- dive physics
- dive physiology and medicine, including:
  - decompression illnesses
  - hypothermia and hyperthermia compression illnesses
- diving descent and ascent techniques
- general diving safety awareness, including:
  - diving in harbours
  - diving in tidal waters, currents and tides
  - diving on and/or near a ship's hull
  - entrapment/foul lines
  - lost/separated
  - marine animal threats
  - pollution/weeds
  - working in confined spaces
- general precautions to be taken against a range of hazards
- handling procedures for malfunctioning items
- line signals
- marine animal threats
- navigation theory
- oceanography
- organisational policies and procedures
- principles of underwater communication systems and diver intercom systems, and their limitations
- radio frequency hazards
- radio telephone procedures (RTP)
- relevant hand signals
- relevant legislation and industry standards
- safe operating ranges for breathing gas supplies
- SCUBA equipment maintenance and servicing recording requirements
- self-contained underwater breathing apparatus (SCUBA) dive equipment specifications, characteristic and limitations
- surfacing procedures, including awareness of surface and sub-surface hazards.

## Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

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.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation, including legislation, regulations, codes of practice, workplace procedures and operation manuals
- documentation specific to the dive operation, including dive plan and risk assessment
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry.

## Links

Companion Volume Implementation Guides are found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>