



Australian Government

**Assessment Requirements for DEFWDV026
Dive using surface-supplied breathing
apparatus (SSBA) in open water to 30
metres**

Release: 1

Assessment Requirements for DEFWDV026 Dive using surface-supplied breathing apparatus (SSBA) in open water to 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:

- applying relevant industry standards, and organisational policies and procedures
- conducting in-water checks
- conducting surface-supply panel operator level maintenance
- confirming independent third-party equipment checks
- diving using surface-supplied breathing apparatus (SSBA) in open water to 30 metres
- entering and exiting the water appropriate to the launch platform, equipment and conditions
- implementing contingency and emergency response plan
- maintaining equipment during dive
- maintaining records according to organisational policies and procedures
- operating surface-supply panel
- preparing equipment for dive
- preparing surface control panel for dive
- switching from SSBA primary to reserve breathing gas system.

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:

- dive physics and decompression tables
- dive physiology and medicine, including:
 - decompression illnesses
 - hypothermia and hyperthermia compression illnesses
- diving descent and ascent techniques, including decompression procedures
- general occupational/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
- marine hazards
- pollution/weeds
- working in confined spaces
- working in sites with potential differential pressure hazards (Delta P)
- organisational policies and procedures
- relevant industry standards
- safe operating ranges for breathing gas supplies
- SSBA dive equipment characteristics and limitations
- surface-supply panel and SSBA dive equipment serviceability checks
- surface-supply panel and SSBA dive equipment storage requirements
- surface-supply panel characteristics and limitations
- surface-supply panel operational maintenance requirements.

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>