



Australian Government

**Assessment Requirements for DEFWDV024
Dive using closed-circuit breathing
apparatus (O₂) in open water to a
maximum depth of 10 metres**

Release: 1

Assessment Requirements for DEFWDV024 Dive using closed-circuit breathing apparatus (O2) in open water to a maximum depth of 10 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, organisational policies and procedures
- conducting CCBA (O2) dive operations in accordance with dive plan
- conducting in-water CCBA (O2) checks
- handling defective equipment in accordance with organisational guidelines
- maintaining equipment during dive operations
- maintaining records according to organisational policies and procedures
- monitoring CCBA (O2) equipment and gauges
- operating an O2 compressor/hand-held booster pump in accordance with manufacturer specifications
- preparing the closed-circuit breathing apparatus (CCBA) dive equipment for supervisor inspection
- switching from primary to emergency 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:

- CCBA (O2) dive equipment specifications, characteristics and limitations
- CCBA (O2) maintenance and servicing recording requirements
- dive physics
- dive physiology and medicine, including:
 - compression illnesses
 - decompression illnesses
 - heat and cold illnesses
 - signs and symptoms of gas toxicity
- diving descent and ascent techniques
- general diving safety awareness, including:

- diving in harbours and open water
- 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
- hazards of oxygen
- organisational policies and procedures
- relevant industry standards
- safe operating ranges for breathing gas supplies.

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>