



Australian Government

Assessment Requirements for DEFWDV023
Dive using closed-circuit breathing
apparatus (N2O2) in open water to a
maximum depth of 50 metres

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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
- arranging for others to check equipment
- conducting closed-circuit breathing apparatus (CCBA) (N2O2) open water dive operations in accordance with dive plan during the day and at night
- conducting in-water apparatus checks
- conducting unconscious companion diver drills in accordance with dive plan
- maintaining equipment during dive operations
- maintaining records according to organisational policies and procedures
- monitoring CCBA (N2O2) equipment and gauges
- operating an N2O2 compressor or hand-booster pump in accordance with manufacturer specifications.

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 (N2O2) characteristics and limitations
- CCBA (N2O2) dive equipment specifications and limitations
- dive physics
- dive physiology and medicine, including:
 - heat and cold illnesses
 - compression illnesses
 - decompression illnesses
 - signs and symptoms of gas toxicity
- diving descent and ascent techniques
- general diving safety awareness, including:
 - diving in harbours

- diving in tidal waters, currents and tides
- lost/separated
- entrapment/foul lines
- marine animal threats
- relevant industry standards
- safe operating ranges for gas mixtures
- CCBA (N2O2) equipment maintenance and servicing recording requirements
- organisational policies and procedures.

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>