



Australian Government

Assessment Requirements for DEFWDV015 Employ explosive power tools in an underwater environment

Release: 1

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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 of the requirements of the elements and performance criteria where the diver fires at least two charges into concrete, masonry or steel over a minimum of two underwater work tasks and include:

- applying relevant legislation, standards, and organisational policies and procedures
- applying underwater risk control measures and work plan requirements
- developing underwater explosive power tools work plan, including managing identified risks
- handling explosive charges and protective equipment safely
- using explosive power tools safely underwater in accordance with work plan.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- dive equipment
- dive physics
- dive physiology and medicine including:
 - heat and cold illnesses
 - compression illnesses
 - decompression 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 bottom
 - lost/separated
 - entrapment/foul lines
 - marine animal threats
 - pollution/weeds
 - working in confined spaces

- oceanography
- principles of underwater explosive power tool (EPT) operation
- relevant explosive hazards and control measures
- relevant EPT safety distances
- relevant legislation, standards, and organisational policies and procedures
- relevant underwater workplace hazards and control measures.

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 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 other simulations
- relevant and appropriate materials, explosive power tools, equipment and personal protective equipment currently used in industry
- ocean with a range of oceanic, diurnal and nocturnal environments
- applicable documentation including organisational procedures, regulations, codes of practice and operation manuals.

When practicable, assessment should relate to the diver's vocational focus.

Links

Companion Volume implementation guides are found in VETNet -

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