



Australian Government

Assessment Requirements for DEFWDV036

Perform underwater surveys

Release: 1

Assessment Requirements for DEFWDV036 Perform underwater surveys

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 legislation, standards and organisational policies and procedures
- applying safe diving principles and relevant risk control measures
- applying SCUBA, surfaced-supplied and/or CCBA operating techniques
- carrying and securing equipment throughout dive
- conducting and documenting an underwater survey, including at least two of the following:
 - bottom composition
 - bottom gradient
 - sub-surface features marking of obstacles or channels
- determining scope of survey task
- developing beach and underwater survey plans
- maintaining records according to organisational policies and procedures
- using survey equipment relevant to beach and underwater surveys effectively
- wearing of self-contained underwater breathing apparatus (SCUBA), surface-supplied and/or closed-circuit breathing apparatus (CCBA).

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 equipment
- dive physics
- dive physiology and medicine, including:
 - compression illnesses
 - decompression illnesses
 - heat and cold 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
- entrapment/foul lines
- lost/separated
- marine animal threats
- pollution/weeds
- working in confined spaces
- oceanography
- organisational policies and procedures
- relevant legislation
- relevant organisational documentation
- relevant references and Australian Standards
- SCUBA, surface-supplied and/or CCBA operating techniques
- underwater beach/waterway survey techniques, including:
 - bottom composition
 - bottom gradient
 - obstacles/channels and hazards
 - sub-surface features
- underwater survey types and characteristics, including but not limited to:
 - beaches
 - harbours
 - lakes
 - canals
- underwater workplace 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>