



Australian Government

Assessment Requirements for DEFWDV035 Perform underwater rigging work

Release: 1

Assessment Requirements for DEFWDV035 Perform underwater rigging work

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:

- analysing constraints of object to be lifted to determine technique
- applying relevant legislation, standards, and organisational policies and procedures
- applying underwater risk control measures and work plan requirements
- calculating load parameters
- conducting one vertical lift to the surface with mechanical devices
- constructing rigs, including:
 - assembling equipment to ensure load can be lifted with available equipment
- determining load capacity of components
- developing underwater rigging work plan
- maintaining records according to organisational policies and procedures
- planning underwater rigging work
- preparing accurate reports and required documentation
- rigging load within safe lifting weight limits.

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:

- determination of mass of submerged objects
- dive equipment
- dive physics
- dive physiology and medicine, including:
 - compression illnesses
 - decompression illnesses
 - heat and cold illnesses
- diving descent and ascent techniques
- equipment inspection and checking specifications
- 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
- lifting and rigging equipment calculations, techniques and specifications
- oceanography
- organisational policies and procedures
- relevant legislation and standards
- relevant safe lifting weight limits
- relevant risk mitigation organisational procedures, including:
 - relevant marine hazards and risk control measures
 - relevant rigging workplace hazards
- self-contained underwater breathing apparatus (SCUBA), surface-supplied and/or closed-circuit breathing apparatus (CCBA) operating techniques.

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>