



Australian Government

Assessment Requirements for DEFWDV029 Employ hand 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 the requirements of the elements and performance criteria on at least one occasion and include:

- applying relevant industry standards, organisational policies and procedures
- attending to personal and collective safety
- developing a work plan in agreement with dive plan
- employing hand tools underwater in accordance with work plan
- identifying hazards, assessing risks, and selecting and implementing control measures
- inspecting hand tools and protective equipment
- maintaining hand tools
- maintaining records according to organisational policies and procedures
- using not less than four different hand tools in underwater work tasks for a total usage time of not less than 60 minutes across a number of work tasks.

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:

- care of hand tools
- dive physics relevant to tool use and operation, including apparent weight, Newton's law of action and reaction
- diving descent and ascent techniques relevant to carrying of tools
- general diving safety awareness relevant to carrying and operation of tools, including:
 - buoyancy and forces encountered during tool use (Newton's law of action and reaction)
 - hazards and risk controls for tool operation and transport
 - interference with mobility
 - potential damage to diving equipment caused by tools and tool operation
 - working in confined spaces
- identification of tool faults
- organisational policies and procedures
- relevant dive equipment and operational techniques for carrying and use of tools

- relevant industry standards
- use of tools on land and underwater
- workplace hazards and risk mitigation 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 and task, including dive plan, risk assessment and job safety analysis/job hazard analysis
- 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>