



Australian Government

DEFWDV015 Employ explosive power tools in an underwater environment

Release: 1

DEFWDV015 Employ explosive power tools in an underwater environment

Modification History

Release 1. This is the first release of this unit of competency in the DEF Defence Training Package.

Application

This unit specifies the skills and knowledge required to employ explosive power tools (EPTs) in an underwater environment.

It includes preparing and selecting an appropriate EPT for underwater work task and inspecting it for serviceability. It also includes recovering waste, and deservicing and storing of equipment.

This unit applies to persons working as Defence Divers or to others working in this field.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Persons undertaking this unit work independently and perform specific tasks in a range of contexts that could be unpredictable.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Competency Field

Work Diving

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

1 Prepare to use EPTs underwater

- 1.1** Identify and analyse work task and worksite data to determine EPT specific requirements
- 1.2** Develop work plan consistent with dive plan
- 1.3** Select, inspect and prepare EPTs, explosive charges and protective equipment in accordance with work plan
- 1.4** Secure EPTs and explosive charges safely to/from dive site
- 1.5** Identify obstructions and other hazards, to determine risks and to manage appropriate risk control measures

2 Operate EPTs underwater

- 2.1** Secure EPTs and explosive charges on self in accordance with operational and safety procedures
- 2.2** Ensure material or base set out intended for explosive fasteners complies with detailed drawings and work plan specifications
- 2.3** Install EPT attachments and chamber EPT charges in accordance with manufacturer specifications
- 2.4** Determine safe work area, and confirm location of other divers prior to commencing work task/s in accordance with work plan
- 2.5** Operate EPTs under water safely and manage identified risks
- 2.6** Clear and render safe EPTs in accordance with manufacturer specifications
- 2.7** Check fastener penetration for angle, depth and integrity of base in accordance with work plan

3 Complete underwater EPT operations

- 3.1** Minimise environmental impact arising from use of EPTs and recover waste products
- 3.2** De-service EPT and protective equipment in accordance with work plan
- 3.3** Record explosive charge usage in accordance with organisational procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces but is not equivalent to DEFDV015B Employ explosive power tools in an underwater environment.

Links

Companion Volume implementation guides are found in VETNet -

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