



Australian Government

DEFWDV003 Act as a standby diver

Release: 1

DEFWDV003 Act as a standby diver

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 act as a standby (air) diver in support of diving operations (from a platform and in water) in an open water environment.

It includes preparing and positioning required diving equipment and emergency resources; meeting the readiness states as detailed by the dive supervisor; maintaining communications with dive supervisor throughout the dive; and taking rapid steps to resolve incidents, ranging from resupplying emergency air reserves to locating and rescuing injured or unconscious diver/s.

This unit covers the Australian Diver Accreditation Scheme (ADAS) occupational grouping of standby diver.

This unit was developed for Defence divers but may be applicable to anyone 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

Elements describe the essential outcomes.

1 Prepare as a standby diver

2 Operate as a standby diver

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1** Inspect and don diving equipment for immediate readiness
- 1.2** Confirm dive plan and reaction to incidents with dive supervisor
- 1.3** Prepare and position emergency resources in accordance with dive plan
- 2.1** Maintain situational awareness and status of deployed diver/s during dive operation
- 2.2** Respond to incidents or unplanned situations in accordance with emergency response and dive plan
- 2.3** Locate deployed diver via life line or float line
- 2.4** Ferry emergency air supplies to submerged divers
- 2.5** Recover unconscious diver in accordance with emergency response and dive plan

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 DEFDV003B Act as a standby diver.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for DEFWDV003 Act as a standby diver

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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 on at least one occasion and include:

- applying relevant industry standards, and organisational policies and procedures
- assembling equipment
- interpreting orders and dive plan
- diving using self-contained underwater breathing apparatus (SCUBA) in open water to 30 metres
- locating and recovering an unconscious diver from a depth of 20 metres to the surface
- performing standby diver duties.

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

- general boat awareness and safety
- marine hazards including marine animal threats
- oceanography
- relevant industry standards and organisational policies and must include one of the following:
 - dive plan and/or instructions/orders
 - emergency response procedures/plan.

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.

As a minimum, assessment must satisfy applicable regulatory requirements, which include requirements in 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 other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- ocean with a range of oceanic, diurnal and nocturnal environments
- relevant documentation including organisational procedures, regulations, codes of practice and operation manuals.

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

Links

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