



Australian Government

DEFWDV004 Dive using surface-supplied breathing apparatus in open water to 30 metres

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.

Application

This unit specifies the skills and knowledge required to dive using surface-supplied breathing apparatus (SSBA) in an open water environment to a depth of 30 metres.

It includes operating a surface-supply panel, and inspecting and operating SSBA equipment.

This unit has been aligned with existing Defence and Australian Diver Accreditation Scheme (ADAS) standards. It relates, in part, to the minimum standard for a diver using SSBA to a depth of 30 metres. ADAS refers to this as a Part 2 restricted qualification. Further experience is required to gain an ADAS Part 3 licence, based, in part, on SSBA diving to 50 metres.

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.

PERFORMANCE CRITERIA

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

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|---|---|
| 1 Operate a surface-supply panel | 1.1 Inspect surface-supply panel and associated equipment for serviceability and check all gauges to ensure they are in date |
| | 1.2 Connect main and reserve air supplies and confirm supply |
| | 1.3 Check seals and connections for integrity, correct function and correct line up |
| | 1.4 Ensure each umbilical from the surface-supply panel is supplying a specific diver |
| | 1.5 Perform operator level maintenance on surface-supply panel at the work site |
| | 1.6 De-service surface-supply panel after use |
| 2 Conduct dive operations | 2.1 Select, inspect, fit and test SSBA in accordance with manufacturer specifications |
| | 2.2 Conduct dive/s using SSBA and demonstrate dive contingencies in accordance with organisational procedures |
| | 2.3 De-service SSBA and report defects 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 DEFDV004B Dive using surface-supplied breathing apparatus in open water to 30 metres.

Links

Companion Volume implementation guides are found in VETNet -

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