



Australian Government

**DEFWDV006 Dive using closed-circuit
breathing apparatus (O₂) in open water to a
maximum depth of 10 metres**

Release: 1

DEFWDV006 Dive using closed-circuit breathing apparatus (O2) in open water to a maximum depth of 10 metres

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 closed-circuit breathing apparatus (CCBA) (O2) in an open water environment to a maximum depth of 10 metres.

It includes operating the oxygen compressor/handbooster pump, inspecting and operating CCBA (O2) equipment, and conducting CCBA (O2) specific contingency drills.

This unit applies to persons working as Defence divers, but can apply to others working as work divers.

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 Operate an O₂ compressor/hand-booster pump

- 1.1** Inspect compressor and associated equipment for serviceability
- 1.2** Fit appropriate protective equipment in accordance with organisational procedures
- 1.3** Connect leads and hoses to compressor
- 1.4** Charge gas cylinders to maximum working pressure and record details in relevant logs in accordance with organisational procedures
- 1.5** Conduct operator level maintenance on compressor in accordance with operational procedures
- 1.6** Undertake de-service the compressor after use, in accordance with operational procedures

2 Conduct dive operations

- 2.1** Select, inspect and fit CCBA (O₂), and conduct apparatus test prior to entering water and in water, in accordance with dive plan
- 2.2** Use CCBA (O₂) during dive operations and demonstrate relevant dive contingencies in accordance with organisational procedures and dive plan
- 2.3** Undertake activities to de-service CCBA (O₂) and report defects, as required

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 DEFWDV006B Dive using closed-circuit breathing

apparatus (O2) in open water to a maximum depth of 10 metres.

Links

Companion Volume implementation guides are found in VETNet -

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