



Australian Government

**DEFWDV007 Dive using closed-circuit
breathing apparatus (HeO₂) in open water
to a maximum depth of 60 metres**

Release: 1

DEFWDV007 Dive using closed-circuit breathing apparatus (HeO2) in open water to a maximum depth of 60 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) (HeO2) in an open water environment to a maximum depth of 60 metres.

It includes operating the HeO2 compressor/handbooster pump, inspecting and operating CCBA (HeO2) equipment, and conducting CCBA (HeO2) specific contingency drills.

This unit applies to persons working as Defence Divers but could also 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 HeO₂ compressor/hand-booster pump	1.1 Inspect compressor and associated equipment for serviceability and report faults in accordance with operational procedures 1.2 Fit appropriate protective equipment in accordance with organisational procedures 1.3 Connect leads and hoses to compressor in accordance with manufacturer instructions 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 and report faults, as required in accordance with organisational procedures 1.6 Undertake activity to de-service compressor after use in accordance with operational requirements
2 Conduct dive operations	2.1 Select, inspect and fit CCBA (HeO₂), and conduct apparatus test as part of dive preparations prior to entering water and in water, in accordance with dive plan 2.2 Undertake dive activities using CCBA (HeO₂) and demonstrate relevant dive contingencies in accordance with organisational procedures and dive plan 2.3 Undertake activity to de-service CCBA (HeO₂) and report defects in accordance with operational procedures 2.4 Maintain situational awareness of other divers during dive operations 2.5 Conduct a mid-water casualty handover between an HeO₂ standby diver and an air standby diver, in accordance with 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 DEFDV007B Dive using closed-circuit breathing apparatus (HeO2) in open water to a maximum depth of 60 metres.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>