



Australian Government

AHCMAR306 Operate mobile underwater vehicles

Release: 1

AHCMAR306 Operate mobile underwater vehicles

Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to operate mobile underwater equipment such as towed cameras (TC) and remotely operated underwater vehicles (ROUV).

The unit applies to individuals who work in a marine conservation and management role under broad supervision and take responsibility for their own work. They use discretion and judgement in the selection, allocation and use of available resources and for solving problems.

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

Pre-requisite Unit

Nil

Unit Sector

Marine (MAR)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for mobile underwater vehicle operations	1.1 Clarify the aim/objective and precise location/s of the activity with supervisor 1.2 Identify personnel involved and confirm their skills and experience in underwater vehicle operations 1.3 Identify and prepare mobile underwater vehicle 1.4 Identify and check associated equipment and support resources

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	required 1.5 Identify and interpret information relating to underwater location 1.6 Identify operational constraints under marine regulations and workplace safety procedures 1.7 Identify operational threats and contingencies, and mitigate threats to deployment of underwater vehicle 1.8 Confirm compliance with operating procedures and ensure a workplace health and safety risk assessment is performed
2. Operate mobile underwater vehicle	2.1 Transport mobile underwater vehicle to location 2.2 Assemble and conduct pre-dive checks on mobile underwater vehicle on location according to operator instructions and biosecurity procedures 2.3 Deploy and operate mobile underwater vehicle safely according to operational plan and workplace procedures 2.4 Monitor operational threats, adjust operating parameters and respond to contingency situations 2.5 Retrieve and secure mobile underwater vehicle and associated equipment
3. Complete underwater vehicle operations	3.1 Clean, maintain and store underwater vehicle and equipment according to operator instructions and biosecurity procedures 3.2 Retrieve data from mobile underwater vehicle and secure according to data management procedures 3.3 Maintain records and report activity and incidents according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Interpret charts, maps, weather reports and other documentation to determine operating conditions for mobile underwater vehicle at a

Skill	Description
	specific location
Writing	Record monitoring information accurately using industry language, workplace format and protocols

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCMAR306 Operate mobile underwater vehicles	Not applicable	The unit has been created to address an emerging skill or task required by industry	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>