



**Australian Government**

# **MEM40222 Certificate IV in Boating Services**

**Release 1**

# MEM40222 Certificate IV in Boating Services

## Modification History

Release 1. Supersedes and is equivalent to MEM40205 Certificate IV in Boating Services.

## Qualification Description

This qualification defines the advanced skills and knowledge required of an employee who works within boating services industry.

The advanced skills associated with this qualification are intended to apply to a wide range of boating services work including the general maintenance of structures, hulls, engines and on board mechanical work. It also includes maintaining the marine environment.

This qualification may be accessed by direct entry. While there is no qualification entry requirement, it is assumed that the learner is either already a tradesperson with access to structured on and off-the-job training or is an apprentice under an Australian Apprenticeship arrangement. It should not be used as a pre-employment or pre-apprenticeship program.

In some jurisdictions, units in this qualification may relate to licensing or regulatory requirements. Licensing and regulatory information is included in the relevant units of competency.

No licensing, legislative or certification requirements apply to this qualification at the time of publication. Local regulations should be checked.

The minimum requirements for this qualification can also be met by holders of one of the following qualifications or equivalent with the completion of additional units of competency drawn from two (2) units from Group D not already held and five (5) units from Group B (note that the seven (7) additional competencies must be units not included in the Certificate III qualification already held):

- MEM30719 Certificate III in Marine Craft Construction
- MEM30919 Certificate III in Boating Services
- AUR30520 Certificate III in Marine Mechanical Technology
- MST30220 Certificate III in Manufactured Textile Products
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## Entry Requirements

There are no entry requirements for this qualification.

## Packaging Rules

The requirement for achievement of the MEM40222 Certificate IV in Boating Services is the achievement of competence in twenty-six (26) units of competency made up of:

- all seven (7) core units of competency listed below and
- a minimum of one (1) unit from Group A and

- a minimum of five (5) units from Group B and
- select the balance of units from Group C to bring the total number of elective units to nineteen (19) as described below.

Up to four (4) appropriate elective units may be chosen from other MEM qualifications and endorsed Training Packages and accredited courses where those units can be applied in a boating services environment and are available for inclusion at Certificate IV.

No other descriptor can be used.

#### Prerequisites

Points associated with prerequisites count towards the total. Units with prerequisite requirements are marked with an asterisk (refer to the individual units for details). All prerequisites are included in the units listed.

#### Core units of competency

Unit code	Unit title	Prereq
MEM13015	Work safely and effectively in manufacturing and engineering	
MEM16006	Organise and communicate information	*
MEM50001	Classify recreational boating technologies and features	*
MEM50002	Work safely on marine craft	*
MEM50003	Follow work procedures to maintain the marine environment	*
MEM50004	Maintain quality of environment by following marina codes	*
MSMENV272	Participate in environmentally sustainable work practices	

#### Elective units of competency

##### Group A

Unit code	Unit title	Prereq
MEM50005	Refuel vessels	*
MEM50006	Check operational capability of marine craft	*
MEM50007	Check operational capability of sails and sail operating equipment	*
MEM50008	Carry out trip preparation and planning	*
MEM50009	Safely operate a mechanically powered recreational boat	*
MEM50010	Respond to boating emergencies and incidents	*

## Group B

<b>Unit code</b>	<b>Unit title</b>	<b>Prereq</b>
BSBAUD411	Participate in quality audits	
BSBCMM411	Make presentations	
BSBCMM412	Lead difficult conversations	
BSBCRT411	Apply critical thinking to work practices	
BSBCRT412	Articulate, present and debate ideas	
BSBCRT413	Collaborate in creative processes	
BSBFIN302	Maintain financial records	
BSBFIN401	Report on financial activity	
BSBHRM413	Support the learning and development of teams and individuals	
BSBINS401	Analyse and present research information	
BSBLDR411	Demonstrate leadership in the workplace	
BSBLDR412	Communicate effectively as a workplace leader	
BSBLDR413	Lead effective workplace relationships	
BSBLDR414	Lead team effectiveness	
BSBLDR521	Lead the development of diverse workforces	
BSBLEG422	Maintain a file in a legal services environment	
BSBMKG434	Promote products and services	
BSBOPS401	Coordinate business resources	
BSBOPS402	Coordinate business operational plans	
BSBOPS403	Apply business risk management processes	
BSBOPS404	Implement customer service strategies	
BSBOPS405	Organise business meetings	

BSBOPS407X	Support organisational response to disruption	
BSBPEF401	Manage personal health and wellbeing	
BSBPEF402	Develop personal work priorities	
BSBPEF403	Lead personal development	
BSBPEF502	Develop and use emotional intelligence	
BSBPMG430	Undertake project work	
BSBSTR401	Promote innovation in team environments	
BSBSTR502	Facilitate continuous improvement	
BSBSUS411	Implement and monitor environmentally sustainable work practices	
BSBSUS412	Develop and implement workplace sustainability plans	
BSBTEC301	Design and produce business documents	
BSBTEC403	Apply digital solutions to work processes	
BSBTWK401	Build and maintain business relationships	
BSBWHS411	Implement and monitor WHS policies, procedures and programs	
BSBWHS432X	Contribute to organisational mental health response in the context of disruptive events	
BSBWRT411	Write complex documents	
BSBXBD403	Analyse big data	
BSBXBD404	Use big data for operational decision making	
BSBXCM401	Apply communication strategies in the workplace	
BSBXCS406	Develop cyber security insider threat and risk response plans	
BSBXCS407	Develop cyber hygiene best practice plan	
BSBXCS408	Develop employee cyber security risk profiles	
BSBXCS409	Plan and implement organisational cyber security insider threat prevention strategies	

BSBXTW401	Lead and facilitate a team	
SIRXCEG004	Create a customer-centric culture	
TAEASS311	Contribute to assessment	
TAEASS404	Assess competence in an online environment	
TAEASS412	Assess competence	
TAEASS413	Participate in assessment validation	
TAEASS512	Design and develop assessment tools	
TAEDEL311	Provide work skill instruction	
TAEDEL405	Plan, organise and facilitate online learning	
TAEDEL411	Facilitate vocational training	
TAEDEL412	Facilitate workplace-based learning	
TAEDEL413	Facilitate distance-based training	
TAEDEL414	Mentor in the workplace	
TAEDEL511	Facilitate e-learning	
TAEDES411	Use nationally recognised training products to meet vocational training needs	
TAEDES412	Design and develop plans for vocational training	
TAELLN421	Integrate core skills support into training and assessment	
TAELLN422	Use foundation skills resources, strategies and advice	
TAELLN423	Integrate employability skills support into training and assessment	
TAETAS411	Maintain training and assessment information	
TAEXDB411	Plan and implement individual support plans for learners with disability	

## Group C

Unit code	Unit title	Prereq
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MEM04018	Perform general woodworking machine operations	*
MEM05003	Perform soft soldering	*
MEM05005	Carry out mechanical cutting	*
MEM05007	Perform manual heating and thermal cutting	*
MEM05012	Perform routine manual metal arc welding	*
MEM05050	Perform routine gas metal arc welding	*
MEM09002	Interpret technical drawing	*
MEM11010	Operate mobile load shifting equipment	*
MEM11011	Undertake manual handling	*
MEM12006	Mark off/out (general engineering)	*
MEM12007	Mark off/out structural fabrications and shapes	*
MEM12023	Perform engineering measurements	*
MEM12024	Perform computations	*
MEM13003	Work safely with industrial chemicals and materials	*
MEM14006	Plan work activities	*
MEM18001	Use hand tools	*
MEM18002	Use power tools/hand held operations	*
MEM25001	Apply fibre-reinforced materials	*
MEM25004	Fair and shape surfaces	*
MEM25007	Maintain marine vessel surfaces	*
MEM50005	Refuel vessels	*
MEM50006	Check operational capability of marine craft	*
MEM50007	Check operational capability of sails and sail operating equipment	*
MEM50008	Carry out trip preparation and planning	*
MEM50009	Safely operate a mechanically powered recreational boat	*

MEM50010	Respond to boating emergencies and incidents	*
MSMENV472	Implement and monitor environmentally sustainable work practices	

#### Group D

Unit code	Unit title	Prereq
MEM50005	Refuel vessels	*
MEM50006	Check operational capability of marine craft	*
MEM50007	Check operational capability of sails and sail operating equipment	*
MEM50008	Carry out trip preparation and planning	*
MEM50009	Safely operate a mechanically powered recreational boat	*
MEM50010	Respond to boating emergencies and incidents	*

## Qualification Mapping Information

Release 1. Supersedes and is equivalent to MEM40205 Certificate IV in Boating Services.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>