



Australian Government

MEM40205 Certificate IV in Boating Services

Release: 2

MEM40205 Certificate IV in Boating Services

Modification History

Release 2 - Title corrected for unit MEM05003B Perform soft soldering

Description

Not Applicable

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Read, interpret, follow and communicate information on written job instructions, specifications, standard operating procedures, charts and maps, lists, drawings and other applicable reference documents • Produce sketches, diagrams, charts or graphs • Check and clarify boating related information • Provide clear and precise information to others including team members, customers and service personnel • Recognise and use common marine terminology and symbols • Liaise with appropriate authorities
Teamwork	<ul style="list-style-type: none"> • Work alone or lead or work as part of a team • Contribute to a group effort in order to plan and carry out work • Identify work roles, communicate and cooperate with others
Problem-solving	<ul style="list-style-type: none"> • Undertake numerical operations, calculations/ formulae (including addition, subtraction, multiplication, division, fractions and decimals, percentages and proportions, simple ratios and averages) • Use measuring techniques • Inspect quality of own or other employee's work • Assess operation and condition of equipment against specifications or manufacturer's requirements • Analyse information from drawings, charts and maps, manuals and reports from other employees to improve service to customers • Develop, implement and evaluate solutions to problems
Initiative and enterprise	<ul style="list-style-type: none"> • Be capable of applying skills in new and different situations and contexts • Identify actual and foreseeable workplace hazards during course of work • Implement OHS risk management procedures • Modify work plan to overcome unforeseen difficulties or developments that occur as work progresses • Participate in improvement procedures including activities to improve services, work processes, environmental impacts, quality and internal/external customer/supplier relationships • Economise material and energy use and minimise waste

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

Planning and organising	<ul style="list-style-type: none"> • Plan, prioritise and sequence maintenance and repair operations to ensure completion of activities within schedules and with minimal disruption to scheduled production • Plan allocation of work to others including apprentices, trades assistants to ensure efficiency and safety • Organise and analyse information relevant to work • Set up jobs prior to commencement of work including selection of appropriate tools, equipment and materials and adjustment of equipment
Self-management	<ul style="list-style-type: none"> • Carry out work safely and in accordance with company policy and procedures, manufacturer's recommendations, environmental and other legislative requirements • Monitor performance of own and other's work to ensure customer satisfaction, efficiency and sustainability • Take responsibility for own work outcomes • Apply techniques, procedures, tools and equipment for compliance with site or manufacturers' specifications.
Learning	<ul style="list-style-type: none"> • Check and clarify task related information with appropriate personnel or technical adviser • Identify internal or external customer requirements with respect to the work to be performed • Assess and modify own work practices • Use workshop and equipment manuals, online help, and other reference materials such as catalogues/lists as required • Maintain current knowledge of applicable standards, legislation, environmental and other codes of practice and product/process developments • Assist with on the job training and assessment
Technology	<ul style="list-style-type: none"> • Select, set up and use appropriate tools, equipment, materials and machines • Select and use appropriate measuring and testing devices to ensure compliance with specifications • Navigate technology to access , input, store, retrieve, save and produce information using appropriate software applications • Apply knowledge of appropriate engineering principles, techniques, procedures, diagnostic methods, tools and equipment to achieve the required outcome • Check equipment and instruments for faults and performance to specification • Improve efficiency of machines and equipment in order to minimise waste

Packaging Rules

The minimum requirements for achievement of the Certificate IV in Boating Services are:

- completion of ten (10) core units of competency listed below, and
- completion of nineteen (19) elective units from Groups A, B and C as described below to bring the total number of units to twenty nine (29).

Note that when selecting elective units any prerequisite units must also be completed and count towards the required number of elective units (refer to units for details).

Up to five appropriate elective units of competency may be chosen from other endorsed Training Packages and accredited courses where those units are available for inclusion at Certificate IV. Note that the elective units listed below include all of the units that are approved for selection from the MEM05 Training Package for use in this qualification. This meets the NSSC requirement that one sixth of the total units must be able to be selected from other qualifications in the same Training Package.

Only select units that would be suitable for occupational outcomes in a marine environment.

Additional qualification descriptors

There are no approved additional descriptors for this qualification.

Core Units

- select all of the units from this list

Unit code	Unit title
MEM13014A	Apply principles of occupational health and safety in the work environment
MEM14004A	Plan to undertake a routine task
MEM15024A	Apply quality procedures
MEM16006A	Organise and communicate information
MEM16007A	Work with others in a manufacturing, engineering or related environment
MEM50001B	Classify recreational boating technologies and features
MEM50002B	Work safely on marine craft
MEM50003B	Follow work procedures to maintain the marine environment

Unit code	Unit title
MEM50004B	Maintain quality of environment by following marina codes
MSAENV272B	Participate in environmentally sustainable work practices

Elective units**Group A**

- select at least one unit from this list

Unit code	Unit title
MEM50005B	Refuel vessels
MEM50006B	Check operational capability of marine craft
MEM50007B	Check operational capability of sails and sail operating equipment
MEM50008B	Carry out trip preparation and planning
MEM50009B	Safely operate a mechanically powered recreational boat
MEM50010B	Respond to boating emergencies and incidents

Group B

- select at least five units from this list

Unit code	Unit title
BSBCMN408A	Report on financial activity
BSBRKG301A	Control records
BSALF401A	Maintain trust accounts
BSBADM402A	Produce complex business documents
BSBCMN406A	Maintain business technology
BSBADM408A	Prepare financial reports

Unit code	Unit title
Any units from BSB40807 Certificate IV in Frontline Management may be selected. These units are not listed in this Volume. Please refer to the relevant host training package.	
Any units from TAE40110 Certificate IV in Training and Assessment. These units are not listed in this Volume. Please refer to the relevant host training package.	

Group C

- select the balance of units from this list.

Unit code	Unit title
MEM04018B	Perform general woodworking machine operations
MEM05003B	Perform soft soldering
MEM05005B	Carry out mechanical cutting
MEM05007C	Perform manual heating and thermal cutting
MEM05012C	Perform routine manual metal arc welding
MEM05050B	Perform routine gas metal arc welding
MEM09002B	Interpret technical drawing
MEM11010B	Operate mobile load shifting equipment
MEM11011B	Undertake manual handling
MEM12023A	Perform engineering measurements
MEM12006C	Mark off/out (general engineering)
MEM12007D	Mark off/out structural fabrications and shapes
MEM13003B	Work safely with industrial chemicals and materials
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEM25001B	Apply fibre-reinforced materials

Unit code	Unit title
MEM25004B	Fair and shape surfaces
MEM25007B	Maintain marine vessel surfaces
MEM50005B	Refuel vessels
MEM50006B	Check operational capability of marine craft
MEM50007B	Check operational capability of sails and sail operating equipment
MEM50008B	Carry out trip preparation and planning
MEM50009B	Safely operate a mechanically powered recreational boat
MEM50010B	Respond to boating emergencies and incidents
MSAENV472B	Implement and monitor environmentally sustainable work practices

The minimum requirements for this qualification can also be met by holders of one of the following qualifications or equivalent subject to the completion of at least one additional Core unit of competency and seven additional Group A and Group B elective units of competency as specified below (note that additional units are those units not included in the Certificate III qualification already held):

- MEM30705 Certificate III in Marine Craft Construction
- MEM30905 Certificate III in Boating Services
- AUR30505 Certificate III in Marine
- LMT30407 Certificate III in Textile Fabrication

Core Units

- select this unit

Unit code	Unit title
MEM50001B	Classify recreational boating technologies and features

Elective units

Group A

- select one unit from this list

Unit code	Unit title
MEM50002B	Work safely on marine craft
MEM50003B	Follow work procedures to maintain the marine environment
MEM50004B	Maintain quality of environment by following marina codes
MEM50005B	Refuel vessels
MEM50006B	Check operational capability of marine craft
MEM50007B	Check operational capability of sails and sail operating equipment
MEM50008B	Carry out trip preparation and planning
MEM50009B	Safely operate a mechanically powered recreational boat
MEM50010B	Respond to boating emergencies and incidents

Group B

- select six units from this list.

Unit code	Unit title
BSBCMN408A	Report on financial activity
BSBRKG301A	Control records
BSALF401A	Maintain trust accounts
BSBADM402A	Produce complex business documents
BSBCMN406A	Maintain business technology
BSBADM408A	Prepare financial reports
Any units from BSB40807 Certificate IV in Frontline Management. These units are not listed in this Volume. Please refer to the relevant host training package.	
Any units from TAE40110 Certificate IV in Training and Assessment. These units are not listed in this Volume. Please refer to the relevant host training package.	

