



Australian Government

MEM30905 Certificate III in Boating Services

Release 3

MEM30905 Certificate III in Boating Services

Modification History

Release 3 - 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	• Read, interpret, follow and communicate information on written job instructions, specifications, standard operating procedures, charts, lists, drawings and other applicable reference documents • Produce sketches, diagrams, charts or graphs • Check and clarify task-related information • Recognise and use common boating terminology • Follow verbal instructions • Complete written and verbal reports • Use boating communication systems, methods and signals to convey messages
Teamwork	• Work alone or as part of a team • Contribute to a group effort in order to plan and carry out work • Identify and delegate work roles • Demonstrate leadership skills
Problem-solving	• Undertake numerical operations, geometry and calculations/ formulae (including addition, subtraction, multiplication, division, fractions and decimals, percentages and proportions, simple ratios and averages) • Use appropriate measuring techniques • Inspect quality of own or other employee's work • Analyse information according to enterprise and work requirements • Assess operation and condition of components against specifications or manufacturer's requirements • Identify environmental issues and requirements applying to own work and that of others • Use diagnostic skills and tests to identify and determine causes of problems • Interpret weather forecasts • Use navigational aids to determine boat position
Initiative and enterprise	• Be capable of applying the competency in new and different situations and contexts • Identify actual and foreseeable workplace hazards during course of work • Modify work plan to overcome unforeseen difficulties or developments that occur as work progresses • Participate in improvement procedures including process,

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	- quality and internal/external customer/supplier relationships - Assist the business to maintain the quality of the environment - Optimise material use and minimise waste - Implement emergency procedures to protect persons on board
Planning and organising	- Plan, prioritise and sequence work operations - Select and use planning techniques and tools - Organise and analyse information relevant to work - Set up jobs prior to commencement of work including selection of appropriate materials and adjustment of equipment - Carry out trip preparation and planning
Self-management	- Carry out work safely and in accordance with company policy and procedures, manufacturer's recommendations, environmental guidelines and legislative requirements - Monitor performance of operation or quality of product or service to ensure customer satisfaction - Take responsibility for work outcomes - Apply techniques, procedures, tools and equipment for compliance with site or manufacturers' specifications. - Follow emergency drills - Minimise impact on the environment
Learning	- Check and clarify task related information with appropriate personnel - Identify customers' requirements with respect to the operation or quality of the product or service - Review and modify work progress to complement the work of others - Maintain current knowledge of applicable standards, legislation, codes of practice and product/process developments
Technology	- Select and use appropriate tools, materials, equipment and machines - Select and use appropriate measuring/testing devices - Use navigation and communication systems and equipment

Packaging Rules

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

- completion of all nine (9) core units of competency listed below, and
- completion of thirteen (13) elective units from the list below to bring the total number of units to twenty one (21).

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 four appropriate electives may be chosen from other endorsed Training Packages and accredited courses where those units are available in a Certificate III. 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 Boating Services occupational outcomes.

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
MSAENV272B	Participate in environmentally sustainable work practices

Elective units

- Select 13 units from this list.

Unit code	Unit title
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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 plastics
MEM25004B	Fair and shape surfaces
MEM25007B	Maintain marine vessel surfaces
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

Unit code	Unit title
MEM50009B	Safely operate a mechanically powered recreational boat
MEM50010B	Respond to boating emergencies and incidents
TLILIC0012A	Licence to operate a vehicle loading crane (capacity 10 metre tonnes and above)
TLILIC2001A	Licence to operate a forklift truck