



Australian Government

MSM21015 Certificate II in Recreational Vehicle Service and Repair

Release 1

MSM21015 Certificate II in Recreational Vehicle Service and Repair

Modification History

Release 1. Supersedes and is equivalent to MSA20510 Certificate II in Recreational Vehicle Service and Repair.

Qualification Description

The MSM21015 Certificate II in Recreational Vehicle Service and Repair has been developed as an entry-level qualification. People with this qualification would be expected to work under supervision, servicing and repairing recreational vehicles, including:

- motor homes
- caravans
- camper trailers
- slide-ons
- fifth wheelers

to meet Australian requirements, such as road worthiness and the Australian Design Rule (ADR).

They may work in a service and repair facility or a manufacturer's factory undertaking warranty work. Work may be for an insurance claim, modifying an existing recreational vehicle or undertaking routine servicing.

There are no specific licences that relate to this qualification. However, some units in this qualification may have licensing or regulatory requirements depending on the work context. Local regulations should be checked for details.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To be awarded the MSM21015 Certificate II in Recreational Vehicle Service and Repair, competency must be achieved in **fourteen (14)** units of competency:

- **three (3)** core units of competency
- **eleven (11)** elective units of competency, as specified below:
 - a minimum of **seven (7)** units of competency must be selected from Group A
 - the balance of units, to a maximum of **four (4)** may be selected from:
 - units not previously selected from Group A
 - Group B units listed below.

Note: Up to **four (4)** elective units of competency may be selected from this Training Package, other endorsed Training Packages and accredited courses, as specified in Groups A and B.

Note: Where prerequisite units are identified they must be counted in the total number of units required for achievement of the qualification.

Core units Complete all three (3) units from the following list.		
Unit code	Unit title	
MSMENV272	Participate in environmentally sustainable work practices	
MSMSUP102	Communicate in the workplace	
MSMWHS200	Work safely	
ELECTIVE UNITS		
Group A Elective units Select a minimum of seven (7) units from the following list.		
Unit code	Unit title	Prerequisites
AUMGTT001	Apply trim to vehicle components	
AURETR2015	Inspect and service batteries	
AURETR2012	Test and repair basic electrical circuits	

AURETB3001	Repair electric braking systems	
AURTTB2001	Inspect and service braking systems	
AURTTD2004	Inspect and service suspension systems	
AURTTJ2002	Remove and refit wheel hubs and associated brake components	
AURTTA3017	Carry out vehicle safety and roadworthy inspection	
AURVTS3004	Repair fibreglass and composite material components	
AURVTG3011	Install side windows	
AURTTY3001	Repair chassis, frame and associated components	
AURVTT3015	Fabricate canvas products	
AURVTT3016	Fabricate frame structures	
AURVTT3019	Fabricate and install canopies and curtains	
CPCPCM2043A	Carry out WHS requirements	
CPCPGS3046A	Install LPG systems in caravans, mobile homes and mobile workplaces	CPCPCM2043A
MEM05005B	Carry out mechanical cutting	MEM12023A MEM18001C
MEM05012C	Perform routine manual metal arc welding	
MEM05050B	Perform routine gas metal arc welding	
MEM09002B	Interpret technical drawing	
MEM10002B	Terminate and connect electrical wiring	MEM09002B MEM12002B MEM18001C
MEM12002B	Perform electrical/electronic measurement	
MEM12023A	Perform engineering measurements	

MEM18038B	Maintain wheels and tyres	MEM18001
MEM18045B	Fault find/repair electrical equipment/ components up to 250 volts single phase supply	MEM09002B MEM10002B MEM12002B MEM12023A MEM18001C MEM18002B
MSMOPS101	Make measurements	
MSMRV350	Remove and replace a recreational vehicle roof	
MSMRV351	Remove and replace a recreational vehicle floor	
MSMRV352	Remove and replace a recreational vehicle sidewall cladding	
MSMRV353	Remove and replace a recreational vehicle shower cubicle	
MSMRV354	Remove and replace a recreational vehicle shower walls	
MSMRV355	Remove and replace a camper/pop-top roof	
MSMRV356	Remove and replace a gas struts and roof lifting equipment on a recreational vehicle	
MSMRV357	Remove and replace external components of a recreational vehicle	
MSMRV358	Modify the body of a recreational vehicle	
MSMRV359	Install additional appliances in a recreational vehicle	
MSMRV360	Service camper wind up systems	
MSMRV361	Repair dry rot in a recreational vehicle	
MSMRV362	Install and repair battery systems in a recreational vehicle	
MSMRV363	Complete pre-delivery check of a recreational	

	vehicle	
MSMRV364	Hand over a recreational vehicle to a customer	
MSMRV365	Remove and refit body moulding	
MSMRV366	Fit transfers and decals to a recreational vehicle	
MSMRVS202	Repair/service LPG systems in a recreational vehicle	
<p>Up to two (2) relevant Group A elective units of competency may be selected from this Training Package, other endorsed Training Packages and accredited courses, where they are available for inclusion at Certificate II qualification.</p>		
<p>Group B Elective units</p>		
Unit code	Unit title	Prerequisites
MEM11010B	Operate mobile load shifting equipment	
MEM11011B	Undertake manual handling	
MEM14004A	Plan to undertake a routine task	
MEM15024A	Apply quality procedures	
MEM18001C	Use hand tools	
MEM18002B	Use power tools/hand held operations	
MSMOPS212	Use organisation computers or data systems	
MSMPER200	Work in accordance with an issued permit	
MSMRVG201	Tow a recreational vehicle safely	
MSMRVT201	Apply technical knowledge of recreational vehicle manufacturing to work activities	
MSMSUP100	Apply workplace context to own job	
MSMSUP101	Clean workplace or equipment	

MSMSUP106	Work in a team	
MSMSUP240	Undertake minor maintenance	
MSMSUP280	Manage conflict at work	
MSMSUP291	Participate in continuous improvement	
MSMWHS110	Follow emergency response procedures	
MSMWHS205	Control minor incidents	
MSS402040A	Apply 5S procedures	
MSS402080A	Undertake root cause analysis	
PMBHAN103C	Shift materials safely by hand	
SIRXSL002A	Advise on products and services	
TLID2010	Operate a forklift	
<p>Up to two (2) relevant Group B elective units of competency may be selected from this Training Package, other endorsed Training Packages and accredited courses, where they are available for inclusion at Certificate II or III qualification.</p>		

Qualification Mapping Information

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Links

MSA Training Package Implementation Guides - <http://mskills.org.au/training-packages/info/>