



**Australian Government**

# **MSM31115 Certificate III in Recreational Vehicle Manufacturing**

**Release 2**

# MSM31115 Certificate III in Recreational Vehicle Manufacturing

## Modification History

Release 2. Units updated. Equivalent.

Release 1. Supersedes and is equivalent to MSA30610 Certificate III in Recreational Vehicle Manufacture.

## Qualification Description

The MSM31115 Certificate III in Recreational Vehicle Manufacturing has been developed as a trade-level qualification. People with this qualification would be expected to work under supervision manufacturing 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 large manufacturing organisation or a smaller workshop.

There are no specific licenses 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 MSM31115 Certificate III in Recreational Vehicle Manufacturing, competency must be achieved in **twenty-two (22)** units of competency:

- **three (3)** core units of competency
- **nineteen (19)** elective units of competency, as specified below:
  - a minimum of **eight (8)** units of competency must be selected from Group A
  - the balance of units, to a maximum of **eleven (11)** 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	
<b>ELECTIVE UNITS</b>		
<b>Group A Elective units</b>		
Select a minimum of <b>eight (8)</b> units from the following list.		
Unit code	Unit title	Prerequisites
AUMGTT001	Apply trim to vehicle components	
AURVTT015	Fabricate and install canvas products for	

	automotive and marine components	
AURVTT3016	Fabricate frame structures	
AURVTT019	Fabricate and install automotive and marine frames, canopies and side curtains	
CPCPCM2043A	Carry out WHS requirements	
CPCPGS3046A	Install LPG systems in caravans, mobile homes and mobile workplaces	CPCPCM2043A
MEM03001B	Perform manual production assembly	
MEM05005B	Carry out mechanical cutting	MEM12023A MEM18001C
MEM05012C	Perform routine manual metal arc welding	
MEM05050B	Perform routine gas metal arc welding	
MEM07024B	Operate and monitor machine/process	
MEM07028B	Operate computer controlled machines/ processes	MEM07024B
MEM09002B	Interpret technical drawing	
MEM10002B	Terminate and connect electrical wiring	MEM09002B MEM12002B MEM18001C
MEM12002B	Perform electrical/electronic measurement	
MEM12023A	Perform engineering measurements	
MSMOPS101	Make measurements	
MSMRV310	Fit recreational vehicle floor	
MSMRV311	Fit furniture in a recreational vehicle	
MSMRV312	Fit water systems in a recreational vehicle	
MSMRV313	Fit 12 V cable systems in a recreational vehicle	
MSMRV314	Construct and fit roof to a recreational vehicle	

MSMRV315	Construct and fit slide out in a recreational vehicle	
MSMRV316	Fit appliances in a recreational vehicle	
MSMRV317	Install solar equipment on a recreational vehicle	
MSMRV318	Fit cladding to a recreational vehicle	
MSMRV319	Fit front and rear moulds to a recreational vehicle	
MSMRV320	Fit windows and doors to a recreational vehicle	
MSMRV321	Fit required external items to a recreational vehicle	
MSMRV322	Fit required external electrical components to a recreational vehicle	
MSMRV323	Fit required internal items to a recreational vehicle	
MSMRV324	Conduct final quality inspection for a recreational vehicle	
MSMRV325	Fabricate a chassis and suspension for a recreational vehicle	
MSMRV365	Remove and refit body moulding	
MSMRV366	Fit transfers and decals to a recreational vehicle	

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 III qualification.

### **Group B Elective units**

Select a maximum of **eleven (11)** units from the following list.

<b>Unit code</b>	<b>Unit title</b>	<b>Prerequisites</b>
MEM11010B	Operate mobile load shifting equipment	
MEM14004A	Plan to undertake a routine task	
MEM15024A	Apply quality procedures	
MEM18001C	Use hand tools	
MEM18002B	Use power tools/hand held operations	
MSMOPS102	Perform tasks to support production	
MSMOPS200	Operate equipment	
MSMOPS212	Use organisation computers or data systems	
MSMPER200	Work in accordance with an issued permit	
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	
MSMSUP273	Handle goods	
MSMSUP280	Manage conflict at work	
MSMSUP291	Participate in continuous improvement	
MSMWHS110	Follow emergency response procedures	
MSMWHS205	Control minor incidents	
MSS402021A	Apply Just in Time (JIT) procedures	
MSS402040A	Apply 5S procedures	
MSS402080A	Undertake root cause analysis	
PMBHAN103C	Shift materials safely by hand	

TLID2010	Operate a forklift	
Up to <b>two (2)</b> 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.		

## Qualification Mapping Information

Release 2. Units updated. Equivalent.

Release 1. Supersedes and is equivalent to MSA30610 Certificate III in Recreational Vehicle Manufacture.

## Links

MSA Training Package Implementation Guides -

[http://companion\\_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=29](http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=29)