



Australian Government

MSA50510 Diploma of Recreational Vehicles

Release 5

MSA50510 Diploma of Recreational Vehicles

Modification History

Release 5 - Imported elective unit updated to current release.

Release 4 - Imported elective units replaced by current versions. Prerequisites replaced with an asterisk. Equivalent.

Release 3 - MSACM units replaced by MSS units from MSS11v2 Sustainability Training Package.

Release 2 - Imported unit code updated.

Description

The Diploma of Recreational Vehicles offers advanced training to people who may have completed MSA40510 Certificate IV in Recreational Vehicles or other relevant qualifications, or who have significant relevant industry experience without formal qualifications.

Job roles/employment outcomes

The Diploma of Recreational Vehicles has been developed to reflect the role of senior technicians and managers in a recreational vehicle manufacturing, repair or service enterprise for use in MSA07 Manufacturing Training Package. This qualification has been developed in response to an industry request. People with this qualification would be expected to undertake technical projects and/or manage departments or entire enterprises undertaking the manufacture, service and repair of recreational vehicles, including:

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

They may work in a service and repair facility or a manufacturer's factory. The organisation may build new recreational vehicles, repair recreational vehicles for insurance claims, modify existing recreational vehicles or undertake routine servicing.

Application

The sector typically manufactures, services and repairs recreational vehicles as required. This may apply to the recreational vehicles body, fittings and running gear. Repairs may be in response to a road (or other) accident, hail damage, vehicle modification or routine servicing. They may also specify and access outside specialist services, for example, for spray painting or licence requirements.

Recreational vehicles may be made from a frame (timber, aluminium or steel) and skin (aluminium or fibre composite) or a manufactured wall panel or some other technology. They are typically mounted on a steel chassis which may be manufactured by the recreational vehicle manufacturer or bought. Fittings are typically timber/particle board but may be any other suitable material.

People with this qualification may be expected to manage the work and perhaps undertake initial design or design modifications of a recreational vehicle, its repair or the process used.

This work will generally be undertaken in a workshop or factory facility.

Training programs for this qualification are suitable to be undertaken as part of a formal training contract with an employer under an Australian Traineeship or Apprenticeship arrangement.

Pathways into the qualification

This qualification may be accessed by direct entry.

The units of competency contained within this qualification are common with other qualifications and credit should be granted towards this qualification where competency has already been achieved.

Credit should also be granted towards this qualification where competency has been achieved in units of competency contained within relevant skill sets.

The units of competency in this qualification reflect competencies which are practiced within the industry and recognition of prior learning (RPL) should be granted where there is sufficient evidence of competency from work-based experience.

Pathways from the qualification

Currently are no higher recreational vehicle qualifications.

Additional qualification advice

MSA51108 Diploma of Competitive Manufacturing is available for managers or others who need a more generalist qualification covering the application of good manufacturing practice and lean principles.

Licensing considerations

Units of competency in this qualification provide the underpinning knowledge and skills for various required licenses. Local regulations should be checked for details.

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
Communication	<ul style="list-style-type: none"> • Managing implementation of occupational health and safety (OHS) procedures, and developing and distributing related safety information • Developing standardised documentation on behalf of an area or group of work teams • Sharing and discussing information with others about enterprise activities • Developing and communicating workplace procedures • Providing information and clarifications to team leaders and other employees on workplace procedures • Providing and interpreting instructions, specifications, standard operating procedures (SOPs) and other work-related documents • Providing assistance or information to relevant personnel • Debriefing on workplace changes with relevant stakeholders • Recording production or other work-related information • Accessing and using workplace communication tools and equipment • Applying numeracy skills to work procedures • Providing information about team activities to managers, supervisors and customers
Teamwork	<ul style="list-style-type: none"> • Identifying roles of work teams where teamwork is used as the form of work organisation • Supervising and leading others in a production environment • Sharing production or work-related information with peers, including team members, supervisors and management • Identifying hazards to employees and visitors • Identifying the value chain and advising other employees as to how they can contribute to the final quality of the product • Reviewing changes to work practices and work relationships with team leaders and other employees • Providing assistance with planning work operations, as required • Seeking assistance with work operations from specialists and other employees, as required • Participating in multidisciplinary teams, as required
Problem solving	<ul style="list-style-type: none"> • Monitoring production and maintenance activities • Analysing inconsistencies, non-compliances, faults or hazards • Identifying factors within work area that are a constraint to

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	<p>work efficiency or reaching of production outcomes</p> <ul style="list-style-type: none"> • Identifying essential and non-essential practices • Implementing methods of increasing features/benefits of products or processes • Monitoring responsibilities of teams and making improvements to work organisation • Identifying process steps which cause a problem and implementing improvement processes • Monitoring OHS performance and implementing OHS improvement processes • Comparing shift or area required performance with actual performance • Identifying situations where compliance to specifications or safety standards is unlikely • Identifying, recommending and implementing improvements • Distinguishing between random and identifiable causes of work problems • Identifying causes of identified faults and taking appropriate action • Investigating causes of quality deviations • Undertaking root cause analysis • Identifying deviations and fault patterns
Initiative and enterprise	<ul style="list-style-type: none"> • Managing procedures and systems for optimum outcomes • Analysing feedback on procedures and systems • Analysing problems, implications or suggestions for improvements • Adjusting work activities according to changes in customer requirements • Identifying methods of increasing contribution of work teams to the value chain • Identifying and implementing changes and improvements • Monitoring processes and equipment to ensure cost-efficiency • Managing 5S procedures • Implementing and monitoring work practices to reduce waste • Participating in multidisciplinary teams to develop new products or processes
Planning and organising	<ul style="list-style-type: none"> • Planning work of teams to meet required standards • Ensuring work areas comply with OHS procedures • Identifying and managing processes, tools and materials • Implementing improvements in accordance with procedures • Monitoring and adjusting production/process

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	<ul style="list-style-type: none"> • Distinguishing between essential and non-essential practices • Implementing use of planning tools within work of teams • Monitoring implementation of 5S procedures in teams • Determining and prioritising required actions • Collecting, organising and analysing information from work activities • Monitoring work activities according to safety and workplace standards • Setting production targets and outcomes • Interpreting data and information as required by own job • Asking questions to ensure understanding of work requirements in teams and among other employees
Self-management	<ul style="list-style-type: none"> • Recommending methods of increasing own contribution to the value chain • Adjusting work processes according to procedures and customer requirements • Identifying and managing impact of change in own work • Minimising waste in own work activity • Assessing own work performance • Setting personal objectives for work performance • Managing own time
Learning	<ul style="list-style-type: none"> • Identifying skill requirements of self and team members • Arranging skill development training for self and others • Adapting to changing work requirements • Asking questions to aid learning of others • Identifying personal skill gaps and additional skills needs • Asking questions to ensure understanding of own work requirements • Monitoring own work and identifying areas for improvement • Seeking feedback on work performance • Providing feedback on work performance to team leaders and team members
Technology	<ul style="list-style-type: none"> • Monitoring technology to ensure safety according to legislative requirements and workplace standards • Identifying equipment and processes appropriate for jobs and skill levels of employees • Providing appropriate equipment to ensure safety and efficiency according to skill levels of employees • Assessing operational efficiency of technology within own skill level and that of team members • Acting on reports of faulty operation of equipment

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	<ul style="list-style-type: none"> Analysing data and other information from equipment reports Conducting failure mode effects analyses Using information technology appropriate for job Managing maintenance procedures appropriate to job and processes according to skill levels of team members
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Packaging Rules

Packaging Rules

To be awarded the Diploma of Recreational Vehicles competency must be achieved in **ten (10)** units of competency:

- three (3)** core units of competency
- seven (7)** elective units of competency, as specified below:
 - a minimum of **two (2)** units of competency must be selected from Group A
 - the balance of units, to a maximum of **five (5)**, may be selected from:
 - units not previously selected from Group A
 - Group B units listed below.

Note: Up to **two (2)** 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 completion of the qualification.

Core units of competency

Unit code	Unit title	Prerequisites
MSAENV272B	Participate in environmentally sustainable work practices	
MSAPMOHS200A	Work safely	
MSAPMSUP210A	Process and record information	

Elective units of competency

Group A

Unit code	Unit title	Prerequisites
AURV365356A	Read and interpret vehicle body repair estimation/quotation	
AURVTN4032	Determine vehicle body damage and recommend repair procedures	
MEM09002B	Interpret technical drawing	
MEM09204A	Prepare basic engineering detail drawings	*
MEM09009C	Create 2D drawings using computer-aided design (CAD) system	*
MEM09210A	Create 3-D solid models using computer aided design system	*
MEM16008A	Interact with computing technology	
MEM16009A	Research and analyse engineering information	*
MEM16012A	Interpret technical specifications and manuals	
MEM30031A	Operate computer-aided design (CAD) system to produce basic drawing elements	
MSS405075A	Facilitate the development of a new product	*
Up to one (1) relevant elective unit of competency may be selected from this Training Package, other endorsed Training Packages and accredited courses where that unit is available for inclusion at the Diploma level.		

Group B

Unit code	Unit title	Prerequisites
AUMFTA001	Document manufacturing design processes	
AURALA3001	Determine legal aspects of an automotive service and repair contract	
AURAMA5006	Contribute to business improvement	
AURAF5007	Develop and document specifications and	

Unit code	Unit title	Prerequisites
	procedures	
AURTNA5001	Estimate and calculate costs to repair, maintain or modify a vehicle	
BSBFIM501A	Manage budgets and financial plans	
MEM11007B	Administer inventory procedures	
MEM11012B	Purchase materials	
MEM11017B	Organise and lead stocktakes	*
MEM14001B	Schedule material deliveries	
MEM15004B	Perform inspection	
MEM15005B	Select and control inspection processes and procedures	*
MEM16006A	Organise and communicate information	
MSS404052A	Apply statistics to operational processes	
MSS405041A	Implement improvement systems in an organisation	
MSS405081A	Develop a proactive maintenance strategy	
MSAENV472B	Implement and monitor environmentally sustainable work practices	
MSAPMSUP400A	Develop and monitor quality systems	
MSARVS301A	Develop and update caravan industry knowledge	
PSPGOV408A	Value diversity	
Up to one (1) relevant elective unit of competency may be selected from this Training Package, other endorsed Training Packages and accredited courses where that unit is available for inclusion at the Diploma level.		