



Australian Government

MSMRV370 Build recreational vehicle furniture

Release: 1

MSMRV370 Build recreational vehicle furniture

Modification History

Release 1. Newly created unit.

Application

This unit describes the skills and knowledge required to manufacture and assemble custom and flat-pack furniture (such as bed bases, bunks, fridge units, cupboard carcasses [for overhead, kitchen, wardrobe, rear and other cupboards], partitions and seat bases in recreational vehicles). The unit includes manufacturing and assembling furniture components and subassemblies to make carcasses and similar items before being installed in a recreational vehicle. For the installation of furniture, see MSMRV371 Install recreational vehicle furniture. For the completion of the internal fit-out including installation of appliances and fit-out items and preparation for quality inspection, see MSMRV378 Complete recreational vehicle internal fit-outs.

The unit applies to a person working in a recreational vehicle manufacturing facility who undertakes routine tasks according to job instructions, plans/specifications and procedures and uses discretion and judgement in selecting equipment, services and contingency measures. They work with a high degree of self-direction and limited supervision. They apply known solutions to routine problems and report non-routine problems according to procedures. They are responsible for their output and have limited responsibility for the output of others.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

None

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to build furniture	1.1 Identify furniture building requirements from job instructions 1.2 Select and check all required tools and equipment are ready to use 1.3 Gather furniture components and other items required by job specifications, and check they meet quality requirements 1.4 Identify hazards and hazard controls and check the hazard controls are in place and operating

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Manufacture furniture components	2.1 Develop the cutting list for the furniture components to minimise waste material and maximise energy efficiency 2.2 Adjust the cutting machine and conduct a cutting trial to meet quality requirements 2.3 Position and feed materials into the cutting machine according to workplace procedures 2.4 Confirm components against set-outs for required tolerances, fit and accuracy 2.5 Recycle or discard non-compliant components according to workplace procedures
3. Assemble furniture	3.1 Identify the procedure and sequence for assembling furniture components and subassemblies 3.2 Lay out and fasten together the furniture components and subassemblies according to assembly instructions 3.3 Prepare furniture components for assembly 3.4 Complete assembling the furniture and rectify any blemishes using cleaning agents and finishing tools 3.5 Check finished the assembly accords with job instructions and comply with quality requirements and rectify any deficiencies
4. Complete the build according to workplace procedures	4.1 Clean up the work area, identify items for recycling and dispose of waste 4.2 Identify, tag and report any damage to equipment and tools 4.3 Check, clean and do routine maintenance on equipment and tools and store them and unused materials 4.4 Complete task outcome documentation

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit.

Links

Companion volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=d1287d36-dff4-4e9f-ad2c-9d6270054027>

Assessment Requirements for MSMRV370 Build recreational vehicle furniture

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Performance Evidence

There must be evidence that the candidate has completed the tasks set out in the elements and performance criteria and has demonstrated the ability to build at least three different types of furniture for recreational vehicles.

Knowledge Evidence

There must be evidence the candidate knows:

- requirements relevant to the performance criteria of:
 - AS/NZS 5601.2 Gas installations LP Gas installations in caravans and boats for non-propulsive purposes
 - AS/NZS 3001 Electrical installations - Transportable structures and vehicles including their site supplies
 - the Road Vehicle Standards Act 2018
 - Australian design rules
- types of recreational vehicle furniture, furniture subassemblies and components and fasteners and manufacturer's installation and use instructions for them
- which cutting, lifting, fastening, safety and other hand and power tools and equipment to use to build recreational vehicle furniture
- workplace policies and procedures relevant to their job role and responsibilities including for:
 - building recreational vehicle furniture
 - communication and reporting
 - environmental protection and sustainability, including adhesives, dust, noise and waste
 - quality assurance
 - work health and safety, including personal protective equipment
 - work planning
- hazards that might arise in the work environment and their controls
- the most common issues that can arise when building recreational vehicle furniture and how to avoid and respond to them
- how to identify if recreational vehicle furniture has been built, assembled and installed correctly.
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Assessment Conditions

Skills must have been demonstrated in the workplace or a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources required to build recreational vehicle furniture including:
 - materials to manufacture furniture components
 - furniture subassemblies and components, fasteners and other components
 - cutting, lifting, fastening, safety and other hand and power tools and equipment
 - job and assembly instructions and workplace procedures.

Assessors of this unit must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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