



**Australian Government**

**Assessment Requirements for MSMRV386  
Repair recreational vehicle  
extra-low-voltage electrical systems**

**Release: 1**

# Assessment Requirements for MSMRV386 Repair recreational vehicle extra-low-voltage electrical systems

## Modification History

Release 1. Supersedes and is not equivalent to MSMRV362 Install and repair battery systems in a recreational vehicle. Changes to application, elements, performance criteria and assessment requirements. Range of conditions removed. Workplace outcome has changed.

## 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 repair an extra-low-voltage electrical system in a recreational vehicle on at least three occasions.

On at least one of the above occasions, the initial assessment must identify the need for out-of-scope repairs.

## 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 extra-low-voltage electrical systems and manufacturer's instructions for them, including for installation, use, service, troubleshooting and repair
- which hand and power tools and equipment to use when repairing recreational vehicle extra-low-voltage electrical systems
- workplace policies and procedures relevant to their job role and responsibilities including for:
  - repairing recreational vehicle extra-low-voltage electrical systems
  - 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 repairing recreational vehicle extra-low-voltage electrical systems and how to avoid and respond to them

- how to identify if recreational vehicle extra-low-voltage electrical systems have been repaired 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 repair recreational vehicle extra-low-voltage electrical systems including:
  - recreational vehicles with extra-low-voltage electrical systems in need of repair
  - materials and items required for the tasks
  - hand and power tools and lifting, safety and other equipment
  - job instructions and workplace procedures.

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

## **Links**

Companion volume implementation guides are found in VETNet --

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