



Australian Government

Assessment Requirements for MSMRV401 Specify complex installations in recreational vehicles

Release: 1

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Modification History

Release 1. Newly created unit.

Performance Evidence

There must be evidence the candidate has completed the tasks in the elements and performance criteria of this unit of competency and has demonstrated the ability to:

- assess requirements and develop specification, product and pricing documentation that complies with applicable codes of practice and relevant Australian standards for one or more jobs that individually or cumulatively involve:
 - a solar panel and battery system
 - a wireless / device control / connectivity system
 - a complex internal modification.
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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 3000 Electrical installations (known as the Wiring Rules)*
 - *AS/NZS 3001 Electrical installations - Transportable structures and vehicles including their site supplies*
 - the *Road Vehicle Standards Act 2018*
 - Australian design rules
- other Australian standards and codes of practice applicable to complex installations in recreational vehicles
- types, characteristics, uses and limitations of recreational vehicle products and systems, including new-technology solutions, including those relating to:
 - solar panel and battery systems
 - Bluetooth/wi-fi device control and communication systems
 - recreational vehicle internal and external items
- sources of specialist technical advice about complex recreational vehicle installations
- the range of people and parties potentially involved in complex recreational vehicle installations, including interior designers, builders and product developers and suppliers
- workplace policies and procedures relevant to their job role and responsibilities including for:

- specifying complex installations in recreational vehicles
- communication and reporting
- environmental protection and sustainability, including noise and waste
- quality assurance
- work health and safety, including personal protective equipment
- work planning
- the most common issues that can arise when specifying complex installations in recreational vehicles and how to avoid and respond to them
- how to identify if complex installations in recreational vehicles are specified correctly, including documentation requirements.
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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 for the types of complex installations being specified, including:
 - the customer's brief and specialist technical specifications, if relevant
 - a customer with whom to discuss options and present a proposed solution
 - recreational vehicles for which the complex installations are being specified if relevant
 - 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>