



Australian Government

**Assessment Requirements for AURVTN026
Repair vehicle aluminium body panels
without the use of body filler**

Release: 1

Assessment Requirements for AURVTN026 Repair vehicle aluminium body panels without the use of body filler

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- repair and finish two different vehicle aluminium body panels to pre-paint condition without the use of body filler, including:
 - one panel with damage of a minimum size of 300 mm x 50 mm
 - one panel with a split of 150 mm.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to repairing vehicle aluminium body panels without the use of body filler, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - manually handling vehicle panels
 - using tools and equipment, including tungsten inert gas (TIG) and metal inert gas (MIG) welding equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- original equipment manufacturer (OEM) or authorised agency repair technical information
- different types of aluminium materials and their characteristics
- types and use of aluminium-specific repair tools and materials to prevent cross-contamination
- aluminium repair and finishing methods and techniques, including:
 - aluminium welding processes and techniques

- pre-paint panel finish
- procedures for final inspection of repaired aluminium body panels.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the aluminium body panels that they have repaired without the use of body filler, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive repair workplace or simulated workplace
- workplace instructions detailing job requirements
- OEM or authorised agency repair specifications
- PPE required to repair aluminium body panels
- approved aluminium TIG and MIG welding equipment
- two different damaged vehicle aluminium body panels requiring repair and finishing without the use of body filler to pre-paint quality standard
- tools, equipment and materials appropriate for repairing vehicle aluminium body panels without the use of body filler.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

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