



**Australian Government**

**Assessment Requirements for AURVTN017  
Repair vehicle thermoplastic body panels  
and components**

**Release: 1**

# Assessment Requirements for AURVTN017 Repair vehicle thermoplastic body panels and components

## 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 vehicle thermoplastic body panels on four different vehicles, including:
  - two vehicle exterior thermoplastic panel components with a tear or dent
  - one thermoplastic panel component incorporating a flange and contour with a split of 100 mm
  - one interior or ornamental plastic trim component with a split, tear or dent.

## 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 thermoplastic body panels and components, including procedures for:
  - selecting and using personal protective equipment (PPE)
  - using safety data sheets (SDS) for thermoplastics
  - manually handling body panels and components
  - using tools and equipment, including dust and fume collection equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- original equipment manufacturer (OEM) or authorised agency repair specifications specific to the vehicles specified in the performance evidence
- thermoplastic repair procedures and techniques, including:
  - plastic material types
  - plastic repair tools and equipment

- plastic welding
- plastic adhesives
- repair quality requirements
- procedures and requirements for protecting vehicle and components during thermoplastic repair work
- procedures for final inspection of completed thermoplastic repairs.

## 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 vehicle thermoplastic components that they have repaired, 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 location or simulated workplace
- workplace instructions
- SDS for thermoplastics
- OEM or authorised agency repair specifications
- thermoplastic components specified in the performance evidence requiring repair
- tools, equipment and materials appropriate for repairing vehicle thermoplastic body panels and components, including required PPE.

## Links

Companion Volume implementation guides are found in VETNet -

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

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