



Australian Government

Assessment Requirements for AURVTS003 Fabricate vehicle composite material components

Release: 1

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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:

- fabricate two different vehicle composite components, in which the work must involve one air intake.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS), and occupational health and safety (OHS) requirements relating to fabricating vehicle composite material components, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using tools and equipment
 - satisfying ventilation requirements for work area
 - using safety data sheets (SDS) for composite materials
 - handling and storing hazardous resins and chemicals
- environmental requirements, including procedures for trapping, storing and disposing of resins, chemicals and waste materials produced during fabrication process
- types and features of composite materials
- fabrication methods and techniques, including:
 - hand and machine operations
 - mixing and measuring composite materials
 - mould and plug usage
- procedures for final inspection of fabricated composite components.

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 composite components that they have fabricated for vehicles, e.g. work 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
- PPE required to fabricate composite components
- SDS for composite materials
- materials to fabricate composite components
- two different vehicle composite components to be fabricated
- tools, equipment and materials tools, equipment and materials appropriate for fabricating vehicle composite material components.

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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