



Australian Government

Assessment Requirements for AURVTN028

Identify and repair high strength steel vehicle 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:

- identify and repair high strength steel (HSS) components to pre-paint condition on three different damaged vehicles.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to identifying and repairing HSS vehicle components, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - manually handling vehicle components
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- original equipment manufacturer (OEM) or authorised agency's:
 - vehicle specifications and measurements
 - approved repair procedures and quality processes
- HSS repair, replacement and welding methods and procedures, including:
 - HSS recommended tools and equipment, including welding equipment
 - types and location of HSS components
 - pre-repair destruction testing of welds on similar material
 - body and panel alignment
 - bonding, riveting and welding
- procedures for protecting vehicle and components during repair work

- procedures for final inspection of HSS repair.

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 damaged HSS vehicle 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 or simulated workplace
- workplace instructions
- OEM or authorised agency's approved specifications and recommended repair procedures
- OEM or authorised agency's approved welding equipment
- PPE required to repair HSS components
- three different damaged vehicles requiring HSS component repairs
- tools, equipment and materials appropriate for identifying and repairing HSS vehicle components.

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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