



Australian Government

Assessment Requirements for AURVNA007 Apply automotive mechanical and electrical knowledge to vehicle loss assessments

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 standards defined in this unit's elements, performance criteria and foundation skills:

- apply automotive mechanical and electrical knowledge to vehicle loss assessment processes, procedures and policies
- apply latest automotive technology knowledge and knowledge of specific vehicle types to vehicle loss assessment processes, procedures and policies
- identify vehicle mechanical and electrical damage.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- motor vehicle:
 - mechanical systems and components:
 - damage and faults
 - dismantling and repair methods
 - operating principles of electrical and electronic systems and components, including:
 - damage and faults
 - dismantling and repair methods
 - operating principles of mechanical systems and components, including:
 - brake systems
 - engine and fuel systems
 - suspension and steering systems
 - transmission and driveline assembly
- technical knowledge relating to a specific vehicle type, including light vehicles, heavy vehicles, agricultural and plant equipment, recreational vehicles and motorcycles

- technical knowledge of latest technology relating to mechanical, electrical and electronic motor vehicle repair, including repair of battery electric vehicles (BEV) and hybrid vehicles
- vehicle inspection and damage assessment procedures and methodologies, including repair set-ups and dismantling procedures
- current assessing and quoting methodologies
- relevant automotive websites to locate current best practice and future trends information
- methods of sourcing OEM or authorised agencies repair procedures, component supplier specifications and repair guides
- applicable commonwealth, state or territory laws, regulations and standards relating to vehicle loss assessment and reporting requirements, including:
 - environmental regulations
 - intellectual property
 - legislation
 - applicable Workplace Health and Safety Act or Occupational Health and Safety Act
- workplace policies and procedures relating to vehicle loss assessment and reporting requirements, including:
 - recording and reporting procedures
 - use of digital images.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

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

Where assessment of competency includes third party evidence, individuals must provide evidence that links them to the vehicles that they have assessed, e.g. assessment reports.

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

The following resources must be made available:

- a range of vehicles with mechanical and electrical damage
- relevant information including OEM or authorised agencies repair procedures, component supplier specifications and repair guides
- relevant materials and resources.

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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