



Australian Government

AURTTA017 Carry out vehicle safety inspections

Release: 1

AURTTA017 Carry out vehicle safety inspections

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to carry out a vehicle safety inspection, compare findings with manufacturer specifications, and report those findings. It involves preparing for the task, carrying out a vehicle safety inspection, and completing workplace processes and documentation.

It applies to those working in the automotive service and repair industry.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Competency Field

Mechanical Miscellaneous

Unit Sector

Technical

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Prepare to carry out a vehicle safety inspection	1.1 Job requirements are determined from workplace instructions 1.2 Vehicle safety inspection procedures and information are sourced and interpreted 1.3 Vehicle safety inspection options are analysed and those most appropriate to the circumstances are selected 1.4 Hazards associated with the work are identified and risks are

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	managed 1.5 Tools and equipment are selected and checked for serviceability
2. Complete vehicle safety inspection	2.1 Vehicle safety inspection is carried out according to manufacturer specifications, workplace procedures and safety requirements , and without causing damage to any components or system 2.2 Vehicle components are compared to manufacturer specifications, and vehicle system tolerances outside vehicle manufacturer specifications are highlighted 2.3 Vehicle safety inspection report is completed according to workplace procedures
3. Complete work processes	3.1 Final inspection is made to ensure work is to workplace expectations and vehicle is presented ready for use 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected 3.3 Tools and equipment are checked and stored according to workplace procedures 3.4 Workplace documentation is processed according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance and are not explicit in the performance criteria.

Skills	Description
Learning skills to:	locate appropriate sources of information efficiently.
Reading skills to:	interpret information from manufacturer and workplace literature when seeking vehicle specifications and safety inspection procedures.
Writing skills to:	legibly and accurately fill out workplace documentation, including vehicle safety inspection reports.
Oral communication skills to:	clarify instructions.
Numeracy skills to:	measure vehicle components and use basic mathematical operations, including addition and subtraction, to calculate

Skills	Description
	distances, tolerances and deviations from manufacturer specifications.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Technology skills to:	use measuring equipment, such as vernier calipers, micrometers and dial indicators.

Range of Conditions

This section specifies work environments and conditions that may affect performance.

Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Safety requirements</i> must include:	work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for lifting and supporting vehicles.
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Unit Mapping Information

Equivalent to AURTTA3017 Carry out vehicle safety and roadworthy inspections

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AURTTA017 Carry out vehicle safety inspections

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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, range of conditions and foundation skills:

- carry out the safety inspections of three different vehicles
- produce separate vehicle safety reports relating to the above inspections.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational, health and safety (OHS) requirements relating to carrying out vehicle safety inspections, including procedures for lifting and supporting vehicles
- methods for sourcing vehicle specifications
- vehicle and component safety inspection procedures
- types of vehicle safety inspection reports.

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 vehicles that they have inspected, 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 workplace or simulated workplace
- vehicle manufacturer specifications
- three different vehicles requiring safety inspections
- tools and equipment for carrying out vehicle safety inspections.

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