



Australian Government

AURLTJ001 Select light vehicle tyres and wheels for specific applications

Release: 1

AURLTJ001 Select light vehicle tyres and wheels for specific applications

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to select light vehicle tyres and wheels to suit specific applications. It involves identifying and confirming work requirements, preparing for the work, selecting tyres and wheels, and completing workplace processes and documentation.

It applies to those working in the automotive service and repair industry. The tyres and wheels include those of light vehicles or trailers that are used on sealed or unsealed surfaces.

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

Competency Field

Mechanical - Light Vehicle

Unit Sector

Technical - Wheels and Tyres

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 select tyres and wheels for specific applications	1.1 Job requirements are determined from workplace instructions 1.2 <i>Tyre and wheel</i> information is sourced and interpreted 1.3 Options are analysed and those most appropriate to the circumstances are selected

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.
	1.4 Hazards associated with the work are identified and risks are managed
2. Select tyres and wheels for specific applications	2.1 Tyre and wheel options are analysed to identify technical compliance and economic benefits 2.2 Tyres and wheels are selected according to manufacturer specifications, workplace procedures, relevant Australian Design Rules, and customer requirements
3. Complete work processes	3.1 Selection is provided to appropriate personnel or customer as required and according to workplace procedures 3.2 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 specifications and workshop literature when seeking tyre and wheel specifications.
Writing skills to:	legibly and accurately fill out workplace documentation, making recommendations regarding selected tyres and wheels.
Numeracy skills to:	- interpret numerical information when selecting tyres and wheels - understand both metric and imperial units of measurement.

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>Tyres and wheels</i> must	- tubeless and tubed tyres - bias ply and radial ply tyres
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include:	• directional tyres • steel wheels • alloy wheels.
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Unit Mapping Information

Equivalent to AURLTJ2001 Select tyres and rims for specific applications (light)

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 AURLTJ001 Select light vehicle tyres and wheels for specific applications

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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:

- select the tyres and wheels of four different light vehicles to suit specific customer requirements, in which the work must involve accessing and interpreting information in manufacturer specifications relating to the selection.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- Australian Design Rules relating to light vehicle tyres and wheels
- light vehicle tyre fitment guide
- light vehicle tyre and wheel assembly terminology and codes
- light vehicle tread patterns, and tyre and wheel assembly types
- specific tyre applications for varying terrain, soil and weather conditions.

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 light vehicle tyres and wheels that they have selected, 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
- manufacturer specifications and tyre and wheel fitment guide
- Australian Design Rules relating to light vehicle tyres and wheels
- four different light vehicles for the selection of tyres and wheels
- equipment and material appropriate for selecting light vehicle tyres and wheels for specific applications.

Links

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