



Australian Government

AURLTJ011 Select light vehicle wheels and tyres

Release: 1

AURLTJ011 Select light vehicle wheels and tyres

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the skills and knowledge 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.

This unit applies to those working within 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.

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.
1. Identify tyre and wheel options	1.1 Identify job requirements from workplace instructions 1.2 Obtain and interpret tyre and wheel information in order to identify tyre and wheel options required for the job 1.3 Identify hazards and issues associated with the work, assess potential risks and implement control measures from workplace health and safety requirements
2. Select tyres and wheels for specific applications	2.1 Assess technical compliance and economic benefits of tyre and wheel options 2.2 Select tyres and wheels according to manufacturer specifications, workplace procedures, Australian Design Rules, and customer requirements

3. Complete work processes	3.1 Communicate selection to appropriate personnel or customer according to workplace procedures 3.2 Complete and process workplace documentation according to workplace procedures
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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 relevant sources of light vehicle tyres and wheels information efficiently
Reading skills to:	read and interpret information from manufacturer specifications, ADRs, workplace procedures and documentation 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

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AURLTJ011 Select light vehicle tyres and wheels (Release 1)	AURLTJ001 Select light vehicle tyres and wheels for specific applications (Release 1)	Wording changes to ensure compliance with Standards for Training Packages. Removal of range of conditions. Addition of minor elements to assessment requirements. Addition of assessor requirements.	Equivalent

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 AURLTJ011 Select light vehicle wheels and tyres

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Performance Evidence

The candidate must demonstrate they can perform the following according to the standards defined in the elements, performance criteria and foundation skills of this unit.

The candidate must select light vehicle tyres and wheels for specific applications that safely follows workplace procedures to meet required outcomes. This includes:

- selecting 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
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Knowledge Evidence

The candidate must demonstrate the following knowledge:

Key policies and procedures relating to the selection of tyres and wheels including:

- how to locate and apply manufacturer specifications for the following light vehicle wheels and tyres:
 - tubeless and tubed tyres
 - bias ply and radial ply tyres
 - directional tyres
 - steel wheels
 - alloy wheels
- how to locate and apply Australian Design Rules relating to light vehicle tyres and wheels
- how to communicate with customers the selection of tyres and wheels
- workplace procedures and documentation for light vehicle wheels and tyres
- workplace health and safety requirements and procedures relating to light vehicle wheels and tyres
- workplace housekeeping and documentation procedures

Light vehicle tyres and wheels technical information, including:

- 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
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Assessment Conditions

The assessment must:

- include access to:
 - an automotive repair workplace or simulated workplace that reflects workplace conditions - where simulation is used, it must reflect real working conditions by modelling industry operating conditions and contingencies, as well as, using suitable facilities, equipment and resources
 - repair order and workplace instructions relating to the selection of light vehicle wheels and tyres
 - workplace procedures relating to the selection of light vehicle wheels and tyres
 - at least one customer requiring advice on tyres and wheels
 - 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
- be demonstrated in the workplace or in a simulated environment that reflects workplace conditions
- be conducted in a safe environment
- be assessed in compliance with relevant policies and procedures and operational manuals directly related to the industry sector for which it is being assessed
- confirm consistent performance can be applied in a range of relevant workplace circumstances

Assessor requirements

Assessors of this unit must:

- satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards
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