



Australian Government

AURHTJ002 Select heavy vehicle tyres, wheels and rims for specific applications

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Application

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

It applies to those working in the automotive service and repair industry. The tyres, wheels and rims include those of agricultural machinery, forklifts, heavy commercial vehicles or mobile plant machinery.

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

Competency Field

Mechanical - Heavy 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, wheels and rims for specific applications	1.1 Job requirements are determined from workplace instructions 1.2 <i>Tyre, wheel and demountable rim</i> information is sourced and interpreted

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.
	1.3 Options are analysed and those most appropriate to the circumstances are selected 1.4 Hazards associated with the work are identified and risks are managed
2. Select tyres, wheels and rims for specific applications	2.1 Tyre, wheel and rim options are analysed to identify technical compliance and economic benefits 2.2 Tyres, wheels and rims 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, wheel and rim specifications.
Writing skills to:	legibly and accurately fill out workplace documentation, making recommendations regarding selected tyres, wheels and rims.
Numeracy skills to:	- interpret numerical information when selecting tyres, wheels and rims - 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>Tyre, wheel and demountable rim</i> must include:	• tubeless and tubed tyres • bias ply and radial ply tyres • demountable rims • disc wheels • tyre tread designs.
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Unit Mapping Information

Equivalent to AURHTJ2002 Select heavy vehicle tyres and rims for specific applications

Links

Companion Volume implementation guides are found in VETNet -

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