



Australian Government

AURKTJ005 Select earthmoving and off-the-road tyres, wheels and rim assemblies 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 earthmoving and off-the-road (OTR) vehicle tyres, wheels and rim assemblies to suit specific applications. It involves identifying and confirming work requirements; preparing for work; selecting tyres, wheels and rim assemblies; and completing work finalisation processes.

It applies to those working on earthmoving and OTR vehicle tyres, wheels and rim assemblies in the mining, construction and other industrial environments.

Licensing, legislative, regulatory or certification requirements may apply to this unit in some jurisdictions. Users are advised to check with the relevant regulatory authority.

Competency Field

Mechanical - Mobile Plant

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 italicised text is used, further information is detailed in the range of conditions section
1. Prepare to select tyres, wheels and rim assemblies	1.1 Customer and job requirements are determined 1.2 Workplace instructions and information required to select tyres, wheels and rim assemblies are sourced
2. Determine appropriate	2.1 Information required to select earthmoving and OTR tyres,

ELEMENTS	PERFORMANCE CRITERIA
tyres, wheels and rim assemblies	wheels and rim assemblies is accessed from manufacturer and component supplier specifications 2.2 Tyre, wheel and rim assembly options are analysed to identify technical compliance, economic benefits and operational requirements 2.3 Selection procedures are carried out according to workplace instructions and work health and safety (WHS) requirements 2.4 Product is selected according to customer requirements, manufacture and component supplier specifications
3. Complete selection of tyres, wheels and rim assemblies	3.1 Customer is briefed on product selection 3.2 Required documentation regarding selection is completed

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

Skills	Description
Learning skills to:	identify sources of information and assistance in selecting earthmoving and OTR tyres, wheels and rim assemblies.
Reading skills to:	- read and interpret written information in: - job instructions - manufacturer and component supplier specifications - workplace instructions.
Writing skills to:	- complete workplace documentation - document product selection.
Oral communication skills to:	- ask questions to clarify instructions, procedures or customer requirements - brief customer on product selection - follow oral instructions.
Numeracy skills to:	- read and interpret both metric and imperial systems of measurement. - interpret numerical information in: - job instructions - manufacturer and component supplier specifications - workplace instructions relating to wheels, rim assemblies, and tyres.

Skills	Description
Problem-solving skills to:	• seek information and assistance to solve problems.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>