



**Australian Government**

# **AURKTJ015 Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications**

**Release: 1**

## AURKTJ015 Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications

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

### 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. Prepare to select tyres, wheels and rim assemblies     | 1.1 Identify customer and job requirements from workplace instructions<br>1.2 Source information required to select tyres, wheels and rim assemblies                                                                                                                                        |
| 2. Determine appropriate tyres, wheels and rim assemblies | 2.1 Access information required to select earthmoving and OTR tyres, wheels and rim assemblies from manufacturer and component supplier specifications<br>2.2 Analyse tyre, wheel and rim assembly options to identify technical compliance, economic benefits and operational requirements |

| ELEMENTS                                                  | PERFORMANCE CRITERIA                                                                                                                                                                                                                        |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                           | <p>2.3 Carry out selection procedures according to workplace instructions and work health and safety (WHS) requirements</p> <p>2.4 Select product according to customer requirements, manufacture and component supplier specifications</p> |
| 3. Complete selection of tyres, wheels and rim assemblies | <p>3.1 Brief customer on product selection</p> <p>3.2 Complete required documentation regarding selection according to workplace procedures</p>                                                                                             |

## Foundation Skills

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

| Skills                        | Description                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Learning skills to:           | <ul style="list-style-type: none"> <li>identify sources of information and assistance in selecting earthmoving and OTR tyres, wheels and rim assemblies.</li> </ul>                                                                                                                                                                                                               |
| Reading skills to:            | <ul style="list-style-type: none"> <li>read and interpret written information in: <ul style="list-style-type: none"> <li>job instructions</li> <li>manufacturer and component supplier specifications</li> <li>workplace instructions.</li> </ul> </li> </ul>                                                                                                                     |
| Writing skills to:            | <ul style="list-style-type: none"> <li>complete workplace documentation</li> <li>document product selection.</li> </ul>                                                                                                                                                                                                                                                           |
| Oral communication skills to: | <ul style="list-style-type: none"> <li>ask questions to clarify instructions, procedures or customer requirements</li> <li>brief customer on product selection</li> <li>follow oral instructions.</li> </ul>                                                                                                                                                                      |
| Numeracy skills to:           | <ul style="list-style-type: none"> <li>read and interpret both metric and imperial systems of measurement.</li> <li>interpret numerical information in: <ul style="list-style-type: none"> <li>job instructions</li> <li>manufacturer and component supplier specifications</li> <li>workplace instructions relating to wheels, rim assemblies, and tyres.</li> </ul> </li> </ul> |
| Problem-solving skills to:    | <ul style="list-style-type: none"> <li>seek information and assistance to solve problems.</li> </ul>                                                                                                                                                                                                                                                                              |

## Unit Mapping Information

| Code and title<br>current version                                                                                    | Code and title<br>previous version                                                                                   | Comments                                                     | Equivalence status |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------|
| AURKTJ015 Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications (Release 1) | AURKTJ005 Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications (Release 1) | Updates to performance evidence and assessment requirements. | Equivalent         |

## Links

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