



Australian Government

AURKTJ006 Use earthmoving and off-the-road tyre handlers

Release: 2

AURKTJ006 Use earthmoving and off-the-road tyre handlers

Modification History

Release	Comment
Release 1	New unit of competency
Release 2	Minor changes to the application, elements, performance evidence and knowledge evidence

Application

This unit describes the performance outcomes required to use an earthmoving and off-the-road (OTR) tyre handler. It includes checking the tyre handler and work site for suitability, operating the tyre handler, and completing work according to operational requirements.

It applies to those who fit earthmoving and OTR tyres, wheels and rim assemblies of not less than 600 mm (24 inches) nominal diameter.

Earthmoving and OTR tyre handlers must be operated in compliance with the licence requirements and regulations of the relevant state or territory authority.

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. Check tyre handler and work site for suitability	1.1 Work site is selected for operations 1.2 Work area is checked for obstructions and proximity to vehicles

ELEMENTS	PERFORMANCE CRITERIA
	and equipment 1.3 Barriers and warning signs are erected in areas where there may be passing traffic 1.3 Specialist equipment and tools are selected 1.4 Tyre handler is inspected for serviceability and compliance with relevant Australian standards
2. Operate tyre handler	2.1 Tyre handler pre-operational checks are conducted, and any operating hazards identified and addressed 2.2 Tyre handler, and specialist equipment and tools are operated within safe working limits and to maximise efficiency of operations 2.3 Tyres, wheels and rim assemblies are handled according to workplace procedures and Australian standards
3. Complete work processes	2.4 Barriers and warning signs are removed and stored 2.5 Tyre handler, and specialist equipment and tools are returned to appropriate storage or parking area 2.6 Documentation is completed, reporting any <i>damage or faults</i>

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
Reading skills to:	read and interpret written information in Australian standards and workplace procedures relating to the use of earthmoving and OTR tyre handlers.
Writing skills to:	document actions required during work.
Oral communication skills to:	report damage or faults.
Numeracy skills to:	- interpret vehicle instruments and indicators - read and interpret metric and imperial systems of measurement.
Initiative skills to:	identify and avoid potential work obstructions and danger to passing traffic.
Planning and organising skills to:	prepare and lay out work area, and obtain equipment and material to avoid wastage, backtracking and workflow interruptions.

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>Damage or faults</i> must include:	• specialist equipment and tool damage • tyre, wheel and rim assembly damage • tyre handler damage or faults • work area damage.
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Unit Mapping Information

AURKTJ006 Use earthmoving and off-the-road tyre handlers

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 AURKTJ006 Use earthmoving and off-the-road tyre handlers

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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:

- use an earthmoving and off-the-road (OTR) tyre handler on a minimum of three occasions, demonstrating that they can:
- observe safety procedures and requirements when operating earthmoving and OTR tyre handlers
- select methods and techniques to operate an earthmoving and OTR tyre handler appropriate to the circumstances
- perform the above work on wheel assemblies and rim assemblies of not less than 600 mm (24 inches) nominal diameter.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- Australian standards and workplace procedures relevant to operating an earthmoving and OTR tyre handler
- duty of care requirements relating to operating an earthmoving and OTR tyre handler
- handling procedures for earthmoving and OTR tyre handlers
- earthmoving and OTR tyre handler controls, instruments and indicators and their use
- operating hazards and procedures to be followed in the event of an operational emergency
- procedures for pre-operational checks
- factors affecting selection of work site, including site layout and obstacles
- typical damage and faults related to operating earthmoving and off-the-road tyre handlers, including:
 - specialist equipment and tool damage
 - tyre, wheel and rim assembly damage

- tyre handler damage or faults
- work area damage.

Assessment Conditions

Assessors must satisfy SNR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the vehicles that they have worked on, e.g. vehicle log books.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- Australian standards relevant to the use of an earthmoving and OTR tyre handler
- earthmoving and OTR tyre and wheel and rim assemblies
- tools and equipment appropriate to the use of an earthmoving and OTR tyre handler
- earthmoving and OTR tyre handler
- operational vehicles with earthmoving and OTR tyres, wheel and rim assemblies
- workplace instructions relating to the use of earthmoving and OTR tyre handlers
- workplace location or simulated workplace.

Links

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