



Australian Government

Assessment Requirements for AURHTJ003 Remove, inspect and refit heavy vehicle wheel and tyre assemblies

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

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:

- remove, inspect, refit and adjust the wheel and tyre assemblies on the steer and drive axle dual wheels of a heavy vehicle
- remove, inspect, refit and adjust the demountable rim and tyre assemblies on the steer and drive axle dual wheels of a second heavy vehicle.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to heavy vehicle wheel and tyre assemblies, including procedures for:
 - working with wheel and tyre assemblies and air inflation pressures
 - working with two piece split wheels, split and multi-piece wheels and rims
 - manually handling wheel and tyre assemblies
 - lifting and supporting heavy vehicles
- types and applications of wheel assemblies, including:
 - cast spoke wheels
 - disc wheels, including:
 - stud piloted wheels
 - hub piloted wheels
 - studs and nuts for disc wheels
 - two piece split wheels
 - demountable rims, including:
 - single piece tyre-to-rim assemblies

- multi-piece tyre-to-rim assemblies
- spacer band
- rim clamps, studs and nuts for demountable rims
- procedures for removing, inspecting and refitting heavy vehicle wheel and tyre assemblies, including:
 - wheel nut tensioning procedures
 - manufacturer wheel and tyre assembly specifications appropriate to the assemblies specified in the performance evidence
- post-fitting procedures and checks of heavy vehicle wheel and tyre assemblies, including wheel and tyre assembly run-out.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

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

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the heavy vehicle wheel and tyre assemblies that they have worked on e.g. repair orders.

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

The following resources must be made available:

- automotive repair workplace or simulated workplace
- workplace instructions
- manufacturer wheel and tyre assembly specifications
- two different heavy vehicles and heavy vehicle wheel and tyre assemblies, including:
 - disc wheels and tyres
 - demountable rims, tyres and cast spoke wheels
- tools, equipment and materials appropriate for removing, inspecting and refitting heavy vehicle wheel and tyre assemblies.

Links

Companion Volume implementation guides are found in VETNet -

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

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