



Australian Government

Assessment Requirements for AURTTJ001 Balance wheels and tyres

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:

- balance at least four different wheels and tyres, in which work must involve:
 - selecting appropriate methods and techniques to balance wheels and tyres
 - conducting wheel and tyre pre-balance inspection for damage and excessive run-out.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to balancing wheels and tyres, including procedures for:
 - lifting and supporting vehicles and wheels
 - working with balancing machines, including rotating components and flying objects
- procedures for pre-balance inspection of wheels and tyres
- application, purpose, function and operation of wheel balancing machinery, including:
 - off vehicle balancers
 - on vehicle balancers
- operating principles of wheel balancing, including:
 - tyre and wheel run-out
 - static and dynamic balance
 - out of balance effects on wheels, including:
 - wheel hop or tramp
 - wheel shimmy
 - vibration

- tread wear
- types and applications of wheel weights.

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 vehicles or wheels and tyres that they have balanced, 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 balancing specifications
- four different wheels and tyres for balancing
- wheel balancing machinery
- tools, equipment and materials appropriate for balancing wheels and tyres.

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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