



Australian Government

Assessment Requirements for AURTTJ011 Balance wheels and tyres

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

The candidate must demonstrate they can perform the following according to the standards defined in the elements, performance criteria and foundation skills of this unit.

The candidate must demonstrate balancing of wheels and tyres that safely follows workplace procedures to meet required outcomes. This includes:

- balancing 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

The candidate must demonstrate the following knowledge:

Key policies and procedures for balancing wheels and tyres, including:

- how to locate and interpret manufacturers specifications or equivalent information and workplace procedures for balancing wheels and tyres
- the following workplace health and safety requirements and procedures relating to balancing wheels and tyres:
 - lifting and supporting vehicles and wheels
 - working with balancing machines, including rotating components and flying objects
- environmental requirements relating to balancing wheels and tyres
- procedures for pre-balance inspection of wheels and tyres
- workplace housekeeping and documentation procedures

Wheel balancing machinery, including:

- off vehicle balancers
- on vehicle balancers

Wheel balancing equipment and concepts, including:

- tyre and wheel run-out

- static and dynamic balance
- the following out of balance effects on wheels:
 - wheel hop or tramp
 - wheel shimmy
 - vibration
 - tread wear
- types and applications of wheel weights
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Assessment Conditions

The assessment must:

- include access to:
 - an automotive repair workplace or simulated workplace that reflects workplace conditions - where simulation is used, it must reflect real working conditions by modelling industry operating conditions and contingencies, as well as, using suitable facilities, equipment and resources
 - repair orders and workplace instructions relating to balancing wheels and tyres activity
 - workplace procedures relating to balancing wheels and tyres activity
 - manufacturer wheel balancing specifications or equivalent documentation
 - four different wheels and tyres for balancing
 - wheel balancing machinery
 - two different vehicles or machinery requiring wheel/tyre balancing
 - tools, equipment and materials appropriate for balancing wheels and tyres
- be demonstrated in the workplace or in a simulated environment that reflects workplace conditions
- be conducted in a safe environment
- be assessed in compliance with relevant policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed
- confirm consistent performance can be applied in a range of relevant workplace circumstances

Assessor Requirements

Assessors of this unit must:

- satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards

Links

Companion Volume Implementation Guides are found in VETNet -

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

