



Australian Government

**Assessment Requirements for AURHTJ007
Remove, inspect, repair and refit industrial
tyres and tubes**

Release: 1

Assessment Requirements for AURHTJ007 Remove, inspect, repair and refit industrial tyres and tubes

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 removing, inspecting, repairing and refitting industrial equipment tyres and tubes that safely follows workplace procedures to meet required outcomes.

This includes removing, inspecting, repairing and refitting:

- two tyres and tubes fitted to split or multi-piece wheels
- two tyres and tubes fitted to drop centre wheels.

Whilst completing the above work, individuals must demonstrate they can:

- select appropriate tools, equipment and materials
- safely remove tyres and tubes from wheels according to manufacturer specifications and workplace procedures
- mount tyre to wheel or rim without causing damage to components or systems and check assembled wheel for serviceability and correct assembly
- conduct post-work inspection and complete work processes, including storage of equipment and documentation.
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Knowledge Evidence

The candidate must demonstrate the following knowledge:

Key policies and procedures for removing, inspecting, repairing and refitting industrial equipment tyres and tubes, including:

- how to locate and interpret manufacturers specifications, and workplace procedures for removing, inspecting, repairing and fitting industrial tyres and tubes
- work health and safety (WHS) relating to industrial tyres and tubes, including procedures for:
 - deflating and inflating tyres on industrial equipment

- raising and supporting machinery on unstable surfaces
- manual handling when lifting wheel assemblies
- removing, repairing and refitting tyres and tubes
- environmental requirements, including procedures for trapping and disposing of tyre material produced during repair procedures
- procedures for removing, inspecting, repairing and refitting tyres and tubes, including:
 - split or multi-piece rims
 - drop centre wheels
- post-fitting procedures and checks of industrial tyres and tubes

Key types and applications of tyres, tubes, wheels and rims, including:

- radial and bias ply tyres
- tubed and tubeless tyres
- rim or hub mounted multi-piece wheels
- one piece wheels

Key types, application and operation of tyre changing equipment and tyre and tube repair equipment including:

- workplace tyre management systems.
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Assessment Conditions

The assessment must:

- include access to:
 - a 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
 - workplace instructions
 - manufacturer tyre and tube repair procedures and specifications
 - industrial tyres and tubes specified in the performance evidence
 - tools, equipment and materials appropriate for removing, inspecting, repairing and fitting industrial tyres and tubes, including:
 - tyre and tube repair tools and equipment
 - tyre and tube repair consumables
 - tyre changing tools and equipment.
- 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
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Links

Companion Volume Implementation Guides are found in VETNet -

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