



Australian Government

Assessment Requirements for AURTTK102 Use and maintain tools and equipment in an automotive workplace

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- use and maintain workplace tools and equipment, which must include the following:
 - five different hand tools
 - two different power tools
 - two different air tools
 - one piece of vehicle lifting equipment
 - one piece of vehicle supporting equipment.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- work health and safety (WHS) requirements relating to using and maintaining workplace tools and equipment, including procedures for:
 - using specific tools and equipment
 - selecting and using personal protective equipment (PPE)
- key functions, limitations and operating procedures for hand and power tools, including:
 - sockets and ratchets
 - spanners, including ring spanners, open-ended spanners, combination spanners and flare nut spanners
 - wrenches, including torque wrenches and adjustable wrenches
 - oil filter removal tools
 - allen keys
 - screwdrivers, including impact screwdrivers
 - pliers, including combination, adjustable, long nose, snap ring, side cutting and vice grip pliers

- hammers
- chisels and punches
- hacksaws
- files
- bench grinders
- presses
- impact guns
- air ratchets and blowguns
- key features and limitations of workplace equipment, including:
 - vehicle lifting and supporting equipment, including:
 - jacks, including air jacks
 - jack stands
 - vehicle hoists
 - fasteners, including:
 - bolts
 - washers
 - nuts
 - studs
 - screws
 - specialised tools, including:
 - screw extractors
 - stud installation and removal tools
 - gear and bearing pullers
 - sealing and adhesive equipment
- procedures for selecting tools and equipment
- identification and tagging procedures for faulty tools and equipment
- basic maintenance and storage procedures for tools and equipment.

Assessment Conditions

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 tools and equipment that they have used and maintained, 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
- workplace hand and power tools and equipment as specified in the performance evidence
- PPE required to use workplace tools and equipment
- vehicles, components or materials that require the use of tools and equipment
- material relevant to maintaining workplace tools and equipment, including:
 - tool and equipment operating instructions or manuals
 - relevant tool and equipment adjusting or calibration equipment
 - tagging material.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

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