



Australian Government

Assessment Requirements for AURPTA004 Service and repair drum cutting systems

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:

- service and repair two different drum cutting systems, including:
 - two of the following:
 - push type single reel
 - motorised single reel
 - gang (multi-reel)
 - all of the following:
 - cutting blades and attachments
 - blade mounting
 - drive system
 - wheels.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to servicing and repairing drum cutting systems, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - working with electrical systems
 - working with drum cutting system
 - checking protective guards, cowlings and safety features
- environmental requirements, including procedures for trapping, storing and disposing of lubricating oils released from drum cutting systems

- application, purpose and operation of drum cutting systems, including push type, electric and internal combustion powered systems, including:
 - reel mowers
 - gang (multi-reel) mowers
- types of lubricants, and their application and methods of lubrication
- service and repair procedures for drum cutting systems, including:
 - grinding, adjusting and aligning cutting blades
 - aligning cutter housing
 - adjusting cutting blade mounting and attachments
 - analysing wear of drive system
- post-repair testing procedures for drum cutting systems, including operating system through full operating range.

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 drum cutting systems that they have serviced and repaired, 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:

- outdoor power equipment repair workplace or simulated workplace
- workplace instructions
- manufacturer specifications for drum cutting systems
- area and equipment, including PPE, required to safely test drum cutting systems
- two different drum cutting systems as specified in the performance evidence requiring service and repair
- tools, equipment and materials appropriate for inspecting, servicing and repairing drum cutting systems, including specialised blade grinding equipment.

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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