



Australian Government

Assessment Requirements for AURKTA003

Inspect, service and repair crop planting and seeding equipment

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:

- inspect, service and repair:
 - one air feed crop planting and seeding equipment
 - one conventional feed crop planting and seeding equipment.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to inspecting, servicing and repairing crop planting and seeding equipment, including procedures for:
 - isolating and stabilising equipment and machines
 - working with rotating shafts and crushing hazards
- environmental requirements, including procedures for waste management, machine hygiene, dust and clean-up management
- operating principles of crop planting and seeding equipment, including air feed and conventional planting and seeding systems
- application, purpose and operation of crop planting and seeding equipment, including:
 - electronic monitoring system
 - metering system
 - seeding delivery system
 - adjustable tine tension system
 - adjustable press wheels
- inspection procedures for crop planting and seeding equipment, including:

- component wear analysis
- system operation analysis
- electronic fault code interrogation
- service and repair procedures for crop planting and seeding equipment, including:
 - removing, replacing, repairing and adjusting crop planting and seeding equipment
 - adjusting pressure, volume and coverage of crop planting and seeding equipment
- post-repair testing procedures for crop planting and seeding equipment, including:
 - variable operating parameters
 - impact of environmental factors.

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 crop planting and seeding equipment 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:

- automotive repair workplace or simulated workplace
- workplace instructions
- manufacturer crop planting and seeding equipment specifications
- crop planting and seeding equipment specified in the performance evidence and requiring service and repair
- diagnostic equipment for crop planting and seeding equipment
- tools, equipment and materials appropriate for inspecting, servicing, repairing and adjusting crop planting and seeding equipment.

Links

Companion Volume implementation guides are found in VETNet -

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

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