



Australian Government

Assessment Requirements for AURKTA001 Synchronise plant and 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:

- synchronise two different pieces of plant and equipment, in which the work must involve:
 - selecting synchronising procedures appropriate to the circumstances
 - synchronising the plant and equipment
 - testing and inspecting synchronised plant and 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 synchronising plant and equipment, including procedures for:
 - operating engines
 - following electrical safety requirements
 - isolating and stabilising plant and equipment
- environmental requirements, including procedures for trapping, storing and disposing of oils or fluids released from plant and equipment during synchronisation process
- operating principles of plant and equipment and associated components, including:
 - electrical
 - hydraulic
 - mechanical
- plant and equipment synchronisation procedures, including:
 - electrical:
 - connect and disconnect

- electronic control module
- electronic control of implement settings and adjustments
- hydraulic:
 - connect and disconnect
 - pressure adjustment
 - fluid, leaks, and pressures
- mechanical:
 - weight
 - power take-off (PTO)
 - three point linkage
 - towed implement
- post-synchronisation testing procedures for plant and equipment, including operational test procedures.

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 plant and equipment that they have synchronised, 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 plant and equipment synchronisation specifications
- two different pieces of plant and equipment for synchronisation
- test equipment for synchronising plant and equipment
- tools, equipment and materials appropriate for synchronising plant and 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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