



Australian Government

Assessment Requirements for AURNTA001 Inspect, service and repair forklift mast assemblies

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 forklift mast assembly, including:
 - carriage and forks
 - lifting chain
 - hydraulic system
 - mast operating levers and valves
 - mast and crosshead.

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 forklift mast assemblies, including procedures for:
 - working with hydraulic pressure
 - manually handling of mast forklift assembly components
 - supporting and securing forklift mast assembly
- environmental requirements, including procedures for trapping, storing and disposing of lubricants and fluids released from forklift mast assembly.
- operating principles of forklift mast assemblies
- identification, function and operation of the forklift mast assembly components specified in the performance evidence
- forklift mast assembly lubricant types and applications
- inspection procedures for forklift mast assemblies, including:

- component wear analysis
- system operation analysis
- service and repair procedures for forklift mast assemblies, including removing, replacing, repairing, lubricating and adjusting forklift mast assembly components
- post-repair testing procedures for forklift mast assemblies, including system performance.

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 forklift mast assemblies 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 forklift mast assembly specifications
- vehicle or machinery with forklift mast assembly requiring service and repair
- test equipment for forklift mast assemblies
- tools, equipment and materials appropriate for inspecting, servicing and repairing forklift mast assemblies.

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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