



**Australian Government**

**Assessment Requirements for DEFSIM004  
Fault find and repair simulator motion and  
control loading systems**

**Release: 1**

# Assessment Requirements for DEFSIM004 Fault find and repair simulator motion and control loading systems

## Modification History

Release	Comments
1	These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages.

## Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- undertaking research and analysis related to simulator motion and control loading systems
- following logical, complex fault finding techniques
- using measuring instruments including thermal array recorders and calibrated pressure gauges
- applying simulator motion and control loading systems repair methodologies
- using tools including hydraulic flushing faucets, motion specialist tool kits and inflation kits for hydraulic accumulators
- following configuration management processes
- using appropriate information technology and software including proprietary motion control loading system calibration software and general online diagnostic tool software
- identifying, reviewing and analysing information that may impact on the simulator motion and control loading systems fault finding
- conducting simulator motion and control loading systems functional testing
- negotiating and communicating effectively with key stakeholders

## Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- operational capabilities and limitations of the relevant simulator
- operational capabilities and limitations of the relevant simulator motion and/or control loading systems
- simulator operating modules comprising the simulator system being worked on
- fault indicators related to the simulator motion and control loading systems being worked on

- repair methodologies related to the simulator motion and control loading systems being worked on
- legislative and regulatory requirements related to the simulator motion and control loading systems being worked on
- organisational policy and procedures related to the relevant simulator motion and/or control loading systems
- configuration management related to the simulator motion and control loading systems being worked on
- product knowledge related to systems and/or equipment in service

## Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>