



Australian Government

Assessment Requirements for DEFSIM002 Fault find and repair simulator computer systems and peripheral hardware

Release: 1

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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 computer systems and peripheral hardware
- following logical, complex fault finding techniques
- applying simulator computer systems and/or peripheral hardware repair methodologies
- following configuration management processes
- using appropriate information technology and software including at least one of:
 - general online diagnostic tools
 - proprietary simulator management databases
 - customer diagnostics software
 - burn in test software
 - image management software
 - file comparison software
- identifying, reviewing and analysing information that may impact on the simulator computer systems and peripheral hardware fault finding
- conducting simulator computer systems and peripheral hardware functional testing
- negotiating and communicating 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 computer systems and peripheral hardware

- simulator operating modules comprising the simulator system being worked on
- fault indicators related to the simulator computer systems and peripheral hardware being worked on
- repair methodologies related to the simulator computer systems and peripheral hardware being worked on
- legislative and regulatory requirements related to the simulator being worked on
- organisational policy and procedures related to the relevant simulator computer systems and peripheral hardware
- configuration management related to the simulator computer systems and peripheral hardware 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>

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