



Australian Government

Assessment Requirements for DEFSIM001 Fault find and repair simulator power distribution and control systems

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 power distribution and control systems
- following logical complex fault finding techniques
- using measuring instruments such as megaohmmeters, multimeters, cathode ray oscilloscopes (CRO), 240-415v portable appliance testers, 240-415v phase angle meters and 240-415v clamp meters
- applying simulator power distribution and control systems repair methodologies
- following configuration management processes
- using appropriate information technology and software including general online diagnostic tools and proprietary simulator management databases
- identifying, reviewing and analysing information that may impact on the simulator power distribution and control systems fault finding
- conducting simulator power distribution and control systems 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 power distribution and control systems
- simulator operating modules comprising the simulator system being worked on
- fault indicators related to the simulator power distribution and control systems being worked on

- repair methodologies related to the simulator power distribution and control systems being worked on
- legislative and regulatory requirements related to the simulator being worked on
- organisational policy and procedures related to the relevant simulator power distribution and control systems
- configuration management related to the simulator power distribution and control 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>

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