



Australian Government

**Assessment Requirements for DEFSIM005
Fault find and repair simulator sound
systems**

Release: 1

Assessment Requirements for DEFSIM005 Fault find and repair simulator sound 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 sound systems
- following logical, complex fault finding techniques
- using measuring instruments including audio sound analysers and acoustic calibrators
- applying simulator sound systems repair methodologies
- following configuration management processes
- using tools including signal generators and sound generators
- using appropriate information technology and software including at least one of:
 - general online diagnostic tools
 - proprietary sound analysis software
 - proprietary simulator management databases
 - proprietary simulator performance test systems
- identifying, reviewing and analysing information that may impact on the simulator sound systems fault finding
- conducting simulator sound 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 sound systems
- simulator operating modules comprising the simulator system being worked on
- fault indicators related to the simulator sound systems being worked on

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