Australian Government

Assessment Requirements for DEFSIM006 Fault find and repair simulator weapons 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 weapons systems
- following logical, complex fault finding techniques
- using measuring instruments including thermal array recorders
- applying simulator weapons systems, fire control, aiming and sighting systems repair methodologies
- following configuration management processes
- using appropriate information technology and software including at least one of:
    - customer diagnostics software
    - electronics configuration software
    - electronics instrument check diagnostics software
    - proprietary helmet mounted sight diagnostic software
    - Vector CANalyzer CAN bus diagnostic software
- identifying, reviewing and analysing information that may impact on the simulator weapons systems fault finding
- conducting simulator weapons systems functional testing
- negotiating and communicating effectively with key stakeholders
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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 weapons systems, fire control, aiming and sighting systems
- simulator operating modules comprising the simulator system being worked on
- fault indicators related to the simulator weapons systems being worked on
- repair methodologies related to the simulator weapons systems being worked on
- legislative and regulatory requirements related to the simulator being worked on
- organisational policy and procedures related to the relevant simulator weapons systems, fire control, aiming and sighting systems
- configuration management related to the simulator weapons 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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