



Australian Government

Assessment Requirements for DEFSIM010 Apply knowledge of simulator systems and architecture

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the DEF Defence Training Package Release 4.0.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- undertaking research and analysis related to simulator systems
- demonstrating a knowledge of the history and origins of simulation systems
- applying knowledge of simulation systems training and operations benefits
- applying knowledge of the simulator systems key components
- applying knowledge of the different types of simulator systems
- demonstrating a knowledge of simulator systems connectivity standards
- demonstrating a knowledge of simulator systems connectivity security requirements
- identifying, reviewing and analysing information and standards related to simulator systems.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- capabilities and limitations of the relevant simulator system
- standards, legislative and regulatory requirements related to the simulator systems
- organisational policy and procedures related to the relevant simulator systems
- simulator connectivity standards
- relevant International Organisation for Standardisation (ISO) standards
- relevant Simulation Interoperability Standards Organisation (SISO) standards.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy

requirements of the work being performed and the needs of the candidate.

Assessment must occur in workplace operational situations or simulated workplace operational situations that reflect workplace conditions.

Retail or commercial systems whose primary purpose is entertainment do not meet the requirements.

Individual domestic use systems whose primary purpose is entertainment do not meet the requirements.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and personal protective equipment currently used in industry.

Links

Companion Volume Implementation Guides are found on VETNet -

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