



Australian Government

DEFSIM008 Work effectively with simulator systems

Release: 1

DEFSIM008 Work effectively with simulator systems

Modification History

Release	Comments
1	This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.

Application

This unit describes the skills required to analyse and apply a knowledge of simulator systems that is required to support a variety of applications including maintenance, fault finding, repair, and testing of simulators. This includes accessing and analysing relevant simulator systems information and implementing recommendations specific to simulator systems. In the context of this unit, simulators are used to replicate land, air, sea and undersea systems to facilitate training and development.

The application of simulator systems knowledge is specific to a variety of component processes in simulator operations, including simulator systems maintenance and support to simulator operations.

This unit was developed in a Defence environment but may be relevant to others who work in this field.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work independently, or as part of a team, with minimal supervision, while performing complex tasks, including complex problem solving, in a limited range of contexts. They would use discretion and judgement and take responsibility for the quality of their outputs.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Competency Field

Simulator Operations

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the	Performance criteria describe the performance needed to demonstrate

essential outcomes	achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Access and analyse simulator systems information	1.1 Identify and obtain relevant simulator systems requirements. 1.2 Analyse obtained information to determine the relevance and application to the organisation. 1.3 Document outcomes of the analysis and determine relevant recommendations.
2. Apply simulation information to work processes	2.1 Apply simulator systems requirements and recommendations relevant to work. 2.2 Assess, review and record effectiveness of the recommendations. 2.3 Adjust and document recommendations for future application.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning					Reading					Writing					Oral communication					Numeracy N/A				

Performance variables

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

No equivalent unit.

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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Assessment Requirements for DEFSIM008 Work effectively with simulator 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.

- applying simulator systems knowledge relevant to work being performed
- following logical, complex analysis techniques
- using appropriate information technology and software
- identifying, reviewing and analysing information relevant to simulator systems
- interpreting organisation role relevant to simulator systems
- conducting research
- 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.

- capabilities and limitations of the relevant simulator
- simulator operating modules of simulator systems
- generic understanding of hosted software and hardware
- legislative and regulatory requirements related to simulator systems
- organisational policy and procedures related to the relevant simulator
- application of appropriate information technology and software
- logical complex analysis techniques
- research techniques

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

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