



Australian Government

Department of Education, Employment and Workplace Relations

PUADEFTE007A Apply knowledge of test and evaluation processes

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

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This unit covers the competency required to analyse and apply knowledge of test and evaluation processes.

Application of the Unit

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This unit was developed for work within Defence where knowledge of test and evaluation processes is necessary but where the worker is not a test and evaluation practitioner.

Applying knowledge of test and evaluation processes is specific to work undertaken by Defence personnel and may be included within a variety of areas such as management, acquisitions, audits, inspections, policy implementation, technical manual development, platform integration, configuration, staff processes, transport and inter-operability. This unit includes the specific knowledge of test and evaluation processes required to support these areas.

Typically these workers must work independently or as part of a team under direct and indirect supervision, use discretion and judgement, and take responsibility for the quality of their output. All activities are carried out in accordance with relevant organisational policy and procedures.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

Employability Skills This unit contains employability skills.

Pre-requisite Unit/s Nil

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

1. **Access and analyse relevant test and evaluation information**

- 1.1 Relevant test and evaluation process, ***safety, legislative and statutory requirements*** are identified and obtained
- 1.2 Information obtained is analysed to determine relevance and application to the ***organisation***
- 1.3 Outcomes of the analysis are formulated and recommendations relevant to workplace requirements are provided

ELEMENT**PERFORMANCE CRITERIA****2. Implement recommendations specific to test and evaluation**

- 2.1 Workplace requirements relevant to test and evaluation processes are applied in accordance with organisational requirements
- 2.2 Work being undertaken is established and relevant recommendations are applied in accordance with organisational requirements
- 2.3 Effectiveness of the recommendations is assessed, reviewed and recorded
- 2.4 Recommendations are adjusted, if required, and documented for future application

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- analyse and evaluate information
- apply safety, legislative and statutory requirements relevant to test and evaluation
- identify information
- interpret organisational role relevant to test and evaluation
- use appropriate information technology and software

Required Knowledge

- organisational role relevant to test and evaluation
- safety, legislative and statutory requirements relevant to test and evaluation
- test and evaluation knowledge relevant to work being performed
- test and evaluation processes

Evidence Guide

EVIDENCE GUIDE

EVIDENCE GUIDE

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessment must confirm the ability to:

- adhere to relevant OH&S requirements and operational safety
- apply knowledge of testing and evaluation processes to assist in work and to guide problem solving.

Consistency in performance

Competency should be demonstrated over time and should be observed in a range of actual or simulated work contexts.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the workplace or in a simulated workplace environment.

Specific resources for assessment

There are no specific resource requirements for this unit.

Guidance information for assessment

Assessment methods should reflect workplace demands such as literacy and the needs of particular groups.

Assessment methods suitable for valid and reliable assessment of this unit may include, but are not limited to, a combination of:

- authenticated evidence from the workplace and/or training programs
- case studies
- demonstration
- feedback from supervisors and peers regarding the candidate's ability
- observation
- portfolios
- projects
- questioning
- reviews or reports prepared by the candidate
- scenarios
- simulation or role plays.

Range Statement

RANGE STATEMENT

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Safety, legislative and statutory requirements may include

Relevant legislation such as:

- financial management and accounting legislation and regulations
- occupational health and safety (OH&S) legislation
- public sector management acts

Government and organisational guidelines and procedures relating to:

- delegation approvals
- industrial agreements
- procurement guidelines
- resourcing
- risk management
- security
- strategic or operational plans
- testing and evaluation
- training

Organisations may include

Defence

Defence contractors and sub-contractors

Defence Materiel Organisation

Defence Science and Technology Organisation

International test agencies

Universities

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s Nil