



Australian Government

Department of Education, Employment and Workplace Relations

TLIX4031A Apply knowledge of configuration management

Release: 1

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Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to analyse and apply knowledge of configuration management. Configuration management is a discipline applying technical and administrative direction and surveillance to: identify and document the functional and physical characteristics of a configuration item, control changes to those characteristics, and record and report change processing and implementation status. The application of this knowledge is required by people who are not configuration management specialists but who need the knowledge to inform their decision making. The application of configuration management knowledge is specific to a variety of component processes in material logistics activities. There are no specific licensing or certification requirements applicable to this unit.

Application of the Unit

Application of the Unit

This unit was developed for logistics specialists working within materiel logistics but is applicable to any individual in this field of work.

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

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills This unit contains employability skills.

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. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Access and interpret relevant configuration management information	1.1 Relevant configuration management requirements are identified and obtained 1.2 Configuration management information obtained is analysed to determine the relevance and application to the organisation 1.3 Outcomes of the analysis are documented and recommendations relevant to configuration management requirements are determined
2 Use knowledge of configuration management	2.1 Configuration management requirements and recommendations relevant to materiel and materiel logistics are applied in accordance with organisational policy and procedures 2.2 Effectiveness of the recommendations is assessed, reviewed and recorded in accordance with organisational policy and procedures 2.3 Recommendations are adjusted if required and documented for future application in accordance with organisational policy and procedures

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

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

Required knowledge:

- Integrated logistics support
- Configuration management knowledge relevant to the work performed
- Configuration management relevant to materiel and materiel systems
- Materiel life cycle
- Materiel sustainment
- Safety, legislative and statutory requirements, including environmental, sustainability issues relevant to materiel and materiel systems
- Technical regulatory framework

Required skills:

- Undertake, analyse and interpret configuration management information to determine where internal and external factors impact on the configuration management requirements, and adjust planning accordingly

Required skills:

- Consult and negotiate with key stakeholders (both internal and external) and resolve any potential areas of conflict or concern to ensure that overall objectives are achieved
- Display resilience by continuing to move forward despite criticism or setbacks
- Focus on clear communication of configuration management information, present information confidently and select the appropriate medium for communication to a range of audiences
- Identify, interpret and analyse configuration management requirements relevant to work being performed
- Use appropriate information technology and software

Evidence Guide**EVIDENCE GUIDE**

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

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

- Assessment must confirm the ability to:
 - adhere to relevant configuration management requirements
 - apply knowledge of configuration management to assist in work and to guide problem solving
 - demonstrate understanding of personal role in relation to wider organisational or project context
- 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

- Competency should be assessed in the workplace or in a simulated workplace environment
- Access is required to:
 - computer and relevant software
 - legislation, guidelines, procedures and protocols relating to configuration management
 - plans
 - workplace documentation

Method of assessment

- Assessment of this unit must be undertaken by a registered training organisation
- Where possible, assessment should be supported by questions to assess required knowledge. Questioning techniques should suit the language and literacy levels of

EVIDENCE GUIDE

the candidate

- 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 of competency may include a combination of methods such as:
 - 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.

Organisation may include:

- enterprises that work in materiel logistics
- other government departments or instrumentalities that work with materiel

Materiel may include:

- all items (including ships, tanks, self-propelled weapon, aircraft etc. and related spares, repair parts and support equipment but excluding real property, installations and utilities) necessary to equip, operate, maintain and support designated activities without distinction as to its application for administrative or operational purposes

Materiel logistics is:

- the life cycle management of materiel to achieve the stated objectives of the capability managers

Organisational policy and

- Australian Standards
- international standards

RANGE STATEMENT

procedures may include:

- organisational instructions and standards

Unit Sector(s)

Not Applicable

Competency Field

Competency Field

X - Logistics