



Australian Government

TLIX5021 Manage configuration management processes

Release: 1

TLIX5021 Manage configuration management processes

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to prepare for configuration management processes, to manage those processes throughout the materiel life cycle and to report on those processes in the organisational environment.

This unit was developed for configuration management specialists working within materiel logistics but is applicable to individuals in broader logistics roles.

Typically these individuals 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.

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

Pre-requisite Unit

Not applicable.

Competency Field

X – Logistics

Unit Sector

Not applicable.

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Identify configuration management requirements

1.1 Sources of information relevant to configuration management are identified and obtained in accordance with organisational policy and procedures

- 1.2 Currency of information is reviewed and documented in accordance with organisational policy and procedures
- 1.3 Configuration management requirements are defined and documented in accordance with organisational policy and procedures
- 2 Develop configuration management processes**
 - 2.1 Consultation with stakeholders is conducted in accordance with organisational policy and procedures
 - 2.2 Configuration management processes are developed and recorded in accordance with organisational policy and procedures
 - 2.3 Key performance indicators are developed and documented in accordance with organisational policy and procedures
 - 2.4 Analysis of configuration management processes is developed and documented in accordance with organisational policy and procedures
- 3 Apply configuration management processes**
 - 3.1 Configuration management risks and impacts are identified, recorded and managed
 - 3.2 Configuration management procedures are applied in accordance with legislative requirements
 - 3.3 Configuration management processes are carried out in accordance with organisational policy and procedures
 - 3.4 Failures and variances are documented, reported and managed in accordance with organisational policy and procedures
 - 3.5 Participation and contribution to configuration management processes are established and maintained
- 4 Review configuration management processes**
 - 4.1 Performance systems and processes are monitored and analysed to assess progress
 - 4.2 Systems, procedures and records associated with documenting performance are managed in accordance with organisational requirements
 - 4.3 Configuration management processes are reviewed in accordance with organisational policy and procedures
 - 4.4 Changes required are identified and prepared in accordance with organisational policy and procedures

- 4.5 Amendments to configuration management processes are incorporated into plans and promulgated to relevant stakeholders in accordance with organisational policy and procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIX5021A Manage configuration management processes.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIX5021 Manage configuration management processes

Modification History

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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:

- adhering to relevant work health and safety (WHS)/occupational health and safety (OHS) requirements
- applying configuration management and project management knowledge relevant to configuration management processes
- displaying resilience by continuing to move forward despite criticism or setbacks
- focusing on clearly communicating configuration management processes, presenting information confidently and selecting appropriate medium for communication to a range of audiences
- identifying and establishing configuration management operation processes
- identifying, acquiring and adjusting resources as required to ensure effective/efficient performance of processes
- identifying, reviewing and analysing information that may impact on configuration management processes, or may be impacted by configuration management processes
- initiating and efficiently monitoring processes
- initiating any remedial action required
- managing configuration management processes effectively and efficiently
- negotiating and communicating effectively with key internal and external stakeholders and resolving potential areas of conflict or concern to ensure overall configuration management objectives are achieved
- undertaking research and analysis to identify and develop configuration management processes
- using appropriate information technology and software for configuration management processes
- using organisational strategic objectives to identify and assess potential alliances and effective strategies.

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:

- codification and cataloguing processes
- configuration management principles and processes
- industrial base capability
- legislative and regulatory environment, including relevant environmental and sustainability issues
- logistics governance
- management processes
- organisational policy and procedures
- organisational role relevant to configuration management
- product knowledge related to systems and/or equipment in service in the organisation
- safety, legislative and statutory requirements, including relevant environmental and sustainability issues.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

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.

Resources for assessment include:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals
- computer and relevant software
- legislation, guidelines, procedures and protocols relating to configuration management
- configuration management plans.

Links

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