



Australian Government

TLIX0055 Conduct configuration management

Release: 1

TLIX0055 Conduct configuration management

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 conduct configuration management activities in accordance with relevant organisational policy and procedures.

It includes preparing for, conducting, monitoring and reporting on configuration management activities. It also includes maintaining configuration management records in accordance with relevant organisational policy and procedures.

The range of activities to be conducted includes collecting, storing, recording, recovering and analysing data; maintaining associated workplace networks; and stakeholder requirements.

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

Individuals work independently or as part of a team under direct or indirect supervision, 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.

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 Prepare to conduct

1.1 Effective relationships are developed with

	configuration management activities		stakeholders through consultation
		1.2	Legislation and organisational policy that may impact on configuration management activities are identified and analysed
		1.3	Required resources and equipment are identified, acquired and prepared in accordance with organisational procedures
		1.4	Sources of information relevant to configuration management activities are identified and relevant information is obtained in accordance with organisational policy and procedures
		1.5	Personnel involved in configuration management activities are briefed in accordance with standard procedures
2	Conduct configuration management activities	2.1	Configuration management methods and techniques appropriate to area are implemented in accordance with plans, schedules and standard procedures
		2.2	Resources are allocated to configuration management activities in accordance with configuration management plan and resource availability
		2.3	Configuration management activities are conducted and concluded in accordance with procedures and within resource constraints
		2.4	Configuration management activities are monitored and amended based on changing circumstances in accordance with procedures
3	Monitor and report on configuration management performance and procedures	3.1	Configuration management performance, outcomes and recommendations are documented and reported to all stakeholders in a transparent manner in accordance with procedures
		3.2	Configuration management reports are regularly reviewed and assessed to ensure

			capability system effectiveness is maintained throughout its life cycle, in accordance with procedures
		3.3	Configuration management procedures are monitored and reviewed to ensure systems and equipment capability is maintained, in accordance with organisational policy
4	Maintain and complete configuration management records	4.1	Configuration management records are completed and maintained in accordance with organisational policy and procedures
		4.2	Configuration management records are amended and documented 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 TLIX4023 Conduct configuration management activities.

This unit replaces but is not equivalent to TLIX4024 Apply configuration management processes and procedures.

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 TLIX0055 Conduct configuration management

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Performance Evidence

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

- adhering to and applying relevant data and information management processes
- adhering to and applying relevant data collection, storage and retrieval requirements
- analysing data and information
- applying relevant configuration management and project management knowledge to work being performed and to guide problem solving
- identifying relationships between organisational goals and recognising how own work contributes to achieving these goals
- identifying, reviewing and analysing information that may impact on configuration management program, or may be impacted by configuration management program
- incorporating feedback and analysis of information to overcome challenges or setbacks
- managing time and prioritising work to ensure objectives are met in accordance with schedule
- 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
- operating equipment and systems relevant to configuration management activities
- undertaking performance measurement relevant to configuration management to enable objectives to be measured against defined parameters
- using appropriate information management systems
- 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 the requirements of the elements and performance criteria and include knowledge of:

- cataloguing and codification
- configuration management data collection and storage requirements
- configuration management data retrieval procedures
- configuration management processes and administrative procedures

- level of written and oral communication required to prepare correspondence and reports
- materiel life cycle
- organisational policy and procedures related to configuration management
- organisational role relevant to configuration management
- product knowledge related to systems and equipment in service in the organisation
- safety, legislative and statutory requirements, including relevant environmental and sustainability issues
- technical regulatory framework.

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 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 must include access to:

- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures and operation manuals.

Links

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