



Australian Government

TLIX5006 Manage verification and validation

Release: 1

TLIX5006 Manage verification and validation

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 verify and validate integrated logistics support processes and to manage verification and validation processes within the organisation.

Verification and validation is a generic term for the complete range of checks performed on a system to increase confidence that the system is suitable for its intended purpose.

This unit was developed for integrated logistics support 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.

1 Identify requirements for verification and validation

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

1.1 Sources of information relevant to verification and validation are identified and relevant information is

management strategies	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 Materiel verification and validation requirements are defined and documented
2 Develop verification and validation management strategies	2.1 Consultation with stakeholders is conducted in accordance with organisational policy and procedures
	2.2 Verification and validation processes are developed and recorded taking into account materiel and/or materiel system, in accordance with organisational policy and procedures
3 Implement verification and validation management strategies	3.1 Integrated logistics support risks and impacts relevant to verification and validation processes are identified, recorded and managed
	3.2 Verification and validation processes are applied in accordance with legislative requirements
	3.3 Activities are carried out in accordance with organisational policy and procedures
	3.4 Participation and contribution to verification and validation process activities is established and maintained
4 Review verification and validation management strategies	4.1 Verification and validation processes are reviewed in accordance with organisational policy and procedures
	4.2 Changes required are identified and prepared in accordance with organisational policy and procedures
	4.3 Amendments to verification and validation processes are incorporated and distributed to relevant personnel 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 TLIX5006A Manage verification and validation.

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 TLIX5006 Manage verification and validation

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
- analysing information and identifying areas that impact on verification and validation processes
- applying verification and validation knowledge relevant to work being performed
- consulting and negotiating with internal and external stakeholders and resolving potential areas of conflict or concern to ensure overall objectives are achieved
- displaying resilience by continuing to move forward despite criticism or setbacks
- identifying relationships between organisational goals and recognising how own work contributes to achieving these goals
- identifying, acquiring and adjusting resources as required to ensure effective and efficient performance of processes
- initiating and efficiently monitoring processes
- initiating remedial action required
- undertaking performance measurement to enable objectives to be measured against defined parameters
- using appropriate information technology and software
- using materiel logistics program strategic objectives to identify long-term factors and external considerations for validation and verification processes.

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
- industrial base capability
- integrated logistics support processes relevant to verification and validation processes
- international agreements
- interoperability
- legislative and regulatory environment as it pertains to materiel logistics, including environmental and sustainability issues
- level of written communication required to prepare complex correspondence and reports
- logistics governance
- logistics support analysis principles and processes
- organisational policy, plans and procedures relevant to verification and validation processes
- organisational role relevant to verification and validation processes
- performance measurement
- safety, legislative and statutory requirements, including environmental and sustainability issues
- supply chain concepts.

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 verification and validation
- verification and validation plans.

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