



Australian Government

TLIX0054 Assess maintenance spares and manage repairable items

Release: 1

TLIX0054 Assess maintenance spares and manage repairable items

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 assess maintenance spares and manage repairable items.

It includes performing spares' assessment activities, managing repairable items and maintaining records in maintenance activities in accordance with relevant organisational policy and procedures, and relevant regulations.

This unit was developed for materiel sustainment specialists working within materiel logistics but is 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.

1 **Perform spares assessment activities**

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

1.1 Organisation spares assessment and supply information systems are identified and applied

		1.2	Maintenance data, spares usage data and trends are monitored, and required holdings of spares are varied as required
		1.3	Spares availability problems are identified and strategies are determined to resolve problems
		1.4	Acceptable sources of suitable substitute parts are identified and requirements for documentation are specified in accordance with organisational policy and procedures
		1.5	Configuration management requirements are observed in spares assessing
		1.6	Work health and safety (WHS)/occupational health and safety (OHS) requirements, including those contained in organisational procedures, are applied throughout the operation
2	Manage repairable items	2.1	Maintenance and reliability data is monitored and changes to maintenance programs are proposed as required
		2.2	Documentation is raised to allocate repairable items to maintenance facilities in accordance with contractual requirements, and organisational policy and procedures
		2.3	Specific investigation or additional maintenance requirements are determined
3	Maintain records	3.1	Data for input to integrated logistics support (ILS) records is provided as required
		3.2	Systems, procedures and records associated with documenting performance are managed in accordance with organisational requirements

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 TLIX4027 Assess maintenance spares and manage repairable items.

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 TLIX0054 Assess maintenance spares and manage repairable items

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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 includes:

- adhering to relevant work health and safety (WHS)/occupational health and safety (OHS) requirements
- administering spares, services contracts and their deliverables effectively
- analysing and interpreting assessment information to determine where internal and external factors impact on assessing spares and managing repairable items
- determining initial spares holdings
- drawing on information from a variety of sources using research, analysis and judgement to develop assessment requirements
- identifying relationships between organisational goals and recognising how own work contributes to achieving these goals
- initiating and efficiently monitoring processes
- initiating remedial action required
- managing materiel sustainment operations effectively and efficiently
- preparing and providing relevant reports and documentation
- undertaking procurement activities
- using appropriate supply information management systems to assess and manage repairable items
- using organisational strategic objectives to identify long-term factors and external considerations.

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 includes knowledge of:

- codification and cataloguing processes
- configuration management
- industrial base capability
- integrated logistics support
- legislative and regulatory environment, including environmental and sustainability issues

- logistics governance
- logistics support analysis principles and processes
- management processes
- materiel sustainment
- organisational policy and procedures
- organisational role relevant to materiel sustainment
- performance measurement
- product knowledge related to systems and equipment in service in the organisation
- safety, legislative and statutory requirements, including relevant environmental and sustainability issues
- spares holding requirements and procedures.

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.

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