



Australian Government

TLIX5014 Manage materiel sustainment operations

Release: 1

TLIX5014 Manage materiel sustainment operations

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 materiel sustainment operations, to manage those operations throughout the materiel life cycle and to report on those operations in the organisational environment.

This unit was developed for materiel sustainment 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 materiel sustainment management

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

1.1 Sources of information relevant to materiel sustainment are identified and relevant information is obtained in accordance with organisational policy and procedures

- requirements**
- 1.2 Currency of information is reviewed and documented in accordance with organisational policy and procedures
 - 1.3 Materiel sustainment management requirements are defined and documented in accordance with organisational policy and procedures
- 2 Develop materiel sustainment management operations**
- 2.1 Consultation with stakeholders is conducted in accordance with organisational policy and procedures
 - 2.2 Materiel sustainment operations are developed and recorded taking into account materiel and/or materiel system, 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 Costing analysis processes are developed and documented in accordance with organisational policy and procedures
- 3 Apply materiel sustainment management operations**
- 3.1 Materiel sustainment risks and impacts are identified, recorded and managed
 - 3.2 Materiel sustainment procedures are applied in accordance with legislative requirements
 - 3.3 Management operations 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 materiel sustainment activities are established and maintained
- 4 Review materiel sustainment operations**
- 4.1 Performance systems and processes are monitored and analysed to assess progress in achieving plans and targets
 - 4.2 Systems, procedures and records associated with documenting performance are managed in accordance with organisational requirements
 - 4.3 Materiel sustainment operations 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 materiel sustainment operations 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 TLIX5014A Manage materiel sustainment operations.

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 TLIX5014 Manage materiel sustainment operations

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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 materiel sustainment and project management knowledge to relevant materiel sustainment operations
- 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 and establishing materiel sustainment operation processes
- identifying relationships between organisational goals and recognising how own work contributes to achieving these goals
- identifying, acquiring and adjusting resources as necessary to ensure effective and efficient performance of the processes
- initiating and efficiently monitoring processes
- initiating remedial action required
- managing obsolescence by ensuring implications of obsolescence are taken into consideration, and determining and implementing an obsolescence management strategy in accordance with policy and procedures
- managing procurement activities occurring in the materiel sustainment environment
- undertaking performance measurement to enable objectives to be measured against defined parameters
- undertaking research and analysis to investigate internal and external factors that impact on materiel sustainment program
- using appropriate information technology and software
- using organisational strategic objectives to identify long-term factors and external considerations for managing materiel sustainment operations.

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
- legislative and regulatory environment as it pertains to materiel logistics, including environmental, 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/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 materiel sustainment

- materiel sustainment operation plans.

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