



Australian Government

Department of Education, Employment and Workplace Relations

TLIX5012A Develop and review material sustainment plans

Release: 1

TLIX5012A Develop and review materiel sustainment plans

Modification History

Not Applicable

Unit Descriptor

Unit Descriptor

This unit involves the skills and knowledge required to develop and review materiel sustainment plans and associated subordinate plans to ensure efficient and effective delivery of materiel sustainment across the materiel and materiel system life cycle. The materiel sustainment plans document how the materiel or materiel system will be supported to ensure they meet the stated capability requirement. There are no specific licensing or certification requirements applicable to this unit.

Application of the Unit

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This unit was developed for materiel sustainment specialists working within materiel logistics but is applicable to any individual in broader logistic roles.

Typically these individuals must demonstrate the ability to 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.

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Identify materiel sustainment requirements	1.1 Materiel sustainment planning requirements are identified in accordance with organisational policy and procedures 1.2 Sources of information relevant to materiel sustainment are identified and accessed in accordance with organisational policy and procedures 1.3 Standards and legislation applicable to materiel sustainment are identified and accessed 1.4 Specific materiel sustainment requirements are assessed against available information 1.5 Costing analysis of requirements is coordinated in accordance with organisational policy and procedures
2 Prepare materiel sustainment plans	2.1 Organisational policy and procedures relevant to materiel sustainment requirements are identified and interpreted 2.2 Stakeholder consultation is conducted in accordance with relevant organisational policy and procedures 2.3 Materiel sustainment plans are developed in accordance with legislative requirements and organisational policy and procedures 2.4 Materiel sustainment plans are promulgated in accordance with organisational policy and procedures
3 Review materiel sustainment plans	3.1 Materiel sustainment plans are reviewed in accordance with relevant organisational policy and procedures 3.2 Required changes to materiel sustainment plans are identified and prepared in accordance with relevant organisational policy and procedures 3.3 Amendments to materiel sustainment plans are prepared and promulgated to relevant stakeholders or personnel in accordance with relevant organisational policy and procedures

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills and their level required for this unit.

Required knowledge:

- Codification and cataloguing processes
- Configuration management

REQUIRED KNOWLEDGE AND SKILLS

- Contract management
- Industrial base capability
- Legislative and regulatory environment as it pertains to materiel logistics
- Costing analysis which may include life cycle costing
- Logistics governance
- Logistics support analysis principles and processes
- Materiel sustainment
- Organisational policy and procedures
- Organisational role relevant to materiel sustainment
- Performance measurement
- Planning processes
- Procurement
- Product knowledge related to systems and/or equipment in service in the organisation
- Safety, legislative and statutory requirements including environmental, sustainability issues relevant to materiel sustainment
- Supply chain
- Technical regulatory framework

Required skills:

- Apply materiel sustainment and project management knowledge in developing a plan
- Consult and negotiate with stakeholders (both internal and external) and resolve any potential areas of conflict or concern to ensure that overall objectives are achieved
- Demonstrate an understanding of the strategic objectives of the organisation and identify long-term factors and external considerations that need to be taken into consideration when planning for materiel sustainment
- Display insight into how industry operates and the drivers that influence their dealings
- Display resilience by continuing to move forward despite criticism or setbacks
- Draw on information from a variety of sources using research, analysis and judgement to determine where internal and external factors impact on materiel sustainment requirements, and adjust planning accordingly
- Identify the relationship between organisational goals and recognise how own work contributes to the achievement of those goals
- Undertake performance measurement to enable objectives to be measured against defined parameters
- Use appropriate information technology and software

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- Assessment must confirm the ability to:
 - adhere to relevant occupational health and safety requirements
 - analyse materiel sustainment requirements
 - adjust plans as necessary to ensure effective and efficient performance
 - initiate and efficiently monitor processes
 - initiate any remedial action required
- Competency should be demonstrated over time and should be observed in a range of actual or simulated work contexts

Context of and specific resources for assessment

- Competency should be assessed in the workplace or in a simulated workplace environment
- Access is required to:
 - computer and relevant software
 - legislation, guidelines, procedures and protocols relating to materiel sustainment
 - plans
 - workplace documentation

Method of assessment

- Assessment of this unit must be undertaken by a registered training organisation
- Where possible, assessment should be supported by questions to assess required knowledge. Questioning techniques should suit the language and literacy levels of the candidate
- Assessment methods should reflect workplace demands such as literacy and the needs of particular groups
- Assessment methods suitable for valid and reliable assessment of this unit of competency may include a combination of methods such as:
 - authenticated evidence from the workplace and/or training programs
 - case studies
 - demonstration
 - feedback from supervisors and peers regarding the candidate's ability

EVIDENCE GUIDE

- observation
- portfolios
- projects
- questioning
- reviews or reports prepared by the candidate
- scenarios
- simulation or role plays

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

Materiel sustainment may include:

- the management and provision of products and services needed to meet the preparedness and performance requirements of a materiel system from the time of acceptance into operational service until disposal at minimised life cycle cost. Material sustainment may also be referred to as asset management and includes components of: sustainment management, engineering support, maintenance support, supply support and planning for disposal and/or carrying out end of life tasks

Organisational policy and procedures may include:

- Australian Standards
- international standards
- logistics support analysis principles and processes
- organisational instructions and standards

Sources of information may include:

- conceptual documents
- contractors
- customers
- legislation
- managers
- peers
- plans
- policies
- publications
- reference material
- standards
- supervisors

RANGE STATEMENT

Standards and legislation may include:

- suppliers
- Australian Standards
- international standards
- organisational instructions and standards
- regulations related to such matters as export and import licensing, taxes and duties
- relevant federal, state and local government legislation and regulations including environmental, sustainability and certification requirements

Costing may include:

- labour
- life cycle costs
- money
- outlay of expenditure
- resources
- time

Stakeholders may include:

- capability manager
- contractors
- customers
- project managers
- regulators
- regulatory authorities
- subordinates
- supervisors
- suppliers
- team members

Materiel sustainment plans may include:

- annual support plans
- disposal
- facilities
- in-service support plans
- system level sustainment plans
- technical data
- through life support plans
- training
- transitional plans

Promulgated may include:

- authorised
- documented
- endorsed
- issued
- published

Unit Sector(s)

Not Applicable

Competency Field

Competency Field X - Logistics