



Australian Government

Department of Education, Employment and Workplace Relations

TLIX6001A Formulate materiel logistics strategies

Release: 1

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Modification History

Not Applicable

Unit Descriptor

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This unit involves the skills and knowledge required to formulate materiel logistics strategies across the life cycle. These strategies are formulated to ensure that the materiel and materiel systems are able to meet their stated capability requirement. Materiel systems are a composite of equipment, skills and techniques capable of performing or supporting an operational role, or both. A complete materiel system includes all equipment, related facilities, materiel, software, services and personnel required for its operation and support, to the degree that it can be considered self-sufficient in its intended operational environment. Materiel logistics is the life cycle management of materiel to achieve the stated objectives of the capability managers. 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 logistics specialists working within materiel logistics but is applicable to any individual in this field of work.

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.

This unit cannot be used in a qualification in which TLIY208A Contribute to materiel logistics strategies has been used.

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 Analyse the materiel logistics environment | <p>1.1 Operational concept of the materiel and materiel systems are analysed, and key factors and issues are identified for consideration and/or response</p> <p>1.2 External and internal factors likely to impact on materiel logistics needs and capabilities are continually monitored and analysed</p> <p>1.3 Key stakeholders are identified and consulted on materiel and materiel systems needs and capabilities in accordance with organisational policy and procedures</p> <p>1.4 Legislation and organisational policy and procedures that may impact on materiel logistics activity are identified and analysed</p> |
| 2 Develop materiel logistics strategies | <p>2.1 Consultation and negotiation with key stakeholders is conducted in accordance with organisational policy and procedures</p> <p>2.2 Strategic objectives are defined and documented in materiel logistics strategies</p> <p>2.3 Costing analysis of strategic options is managed and documented in accordance with organisational policy and procedures</p> |
| 3 Establish priorities for materiel logistics strategies | <p>3.1 Strategic priorities are developed and documented that support the organisation's materiel logistics objectives</p> <p>3.2 Strategic priorities are analysed to ensure they reflect the capability requirements of key stakeholders, in accordance with organisational policy and procedures</p> <p>3.3 Opportunities for strategic alliances and cooperative ventures are incorporated into the strategies</p> |
| 4 Communicate materiel logistics strategies | <p>4.1 Strategies are explained to key stakeholders</p> <p>4.2 Strategies are promoted across the organisation through a variety of communication channels, in accordance with organisational policy and procedures</p> |
| 5 Evaluate materiel logistics strategies | <p>5.1 Materiel logistics strategies are regularly evaluated in accordance with organisational policy and procedures</p> <p>5.2 Strategies are amended and documented in accordance with organisational policy and procedures</p> |

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

REQUIRED KNOWLEDGE AND SKILLS

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

Required knowledge:

- Acquisition processes
- Business processes
- Capability performance measurement
- Codification and cataloguing processes
- External environment scanning relating to environmental, sustainable, social, political economic and technological developments
- Industrial base capability
- Integrated logistics support
- International agreements and arrangements
- Interoperability
- Legislative and regulatory environment as it pertains to materiel logistics
- Costing which may include life cycle costing
- Logistics support analysis principles and processes
- Logistics governance
- Materiel logistics
- Materiel system components
- Organisational policy and procedures
- Outsourcing/in-sourcing
- Performance management techniques
- Project management
- Risk management
- Strategic planning methodologies
- Supply chain concepts
- Technical regulation
- Value chain concepts

Required skills:

- Align materiel logistics strategy to the strategic objectives of the organisation
- Analyse materiel logistics information to determine where internal and external factors impact on the materiel logistics environment, and adjust strategic planning activities accordingly
- Apply project management knowledge in formulating materiel logistics strategies
- Build and sustain positive relationships with team members, stakeholders and clients
- Commit to action, even in cases of limited information and conditions of uncertainty

Required skills:

- 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
- Display resilience by continuing to move forward despite criticism or setbacks
- Effectively manage materiel logistics contracts and their deliverables
- Exercise judgement by using intelligence and commonsense to shape strategic thinking
- Identify, assess and prioritise competing objectives
- Manage time, and prioritise work to ensure objectives are met in accordance with required schedule
- Prepare complex and sensitive material; present information confidently; and select the appropriate medium for maximum communication effect to influence a range of audiences
- Review and analyse performance measurement data to guide and direct the team to ensure objectives are measured against defined parameters
- Source information on best practice approaches adopted in both the public and private sectors, demonstrating an insight into how industry operates and the business drivers that influence industry with their dealings
- Undertake research and analysis about operational concepts and strategic objectives to determine the impacts on the materiel logistics environment

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
 - identify and evaluate priorities, and adjust them as necessary to ensure they meet objectives
 - analyse and evaluate outcomes
 - 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:

EVIDENCE GUIDE

Method of assessment

- computer and relevant software
 - legislation, guidelines, procedures and protocols relating to materiel logistics
 - plans
 - workplace documentation
- 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 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
 - 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 may include:

- all items (including ships, tanks, self-propelled weapon, aircraft etc. and related spares, repair parts and support equipment but excluding real property, installations and utilities) necessary to equip, operate, maintain and support

RANGE STATEMENT

designated activities without distinction as to its application for administrative or operational purposes

Key stakeholders may include:

- capability manager
- contractors
- customers
- project managers
- regulators
- subordinates
- supervisors
- suppliers

Organisational policy and procedures may include:

- Australian Standards
- international standards
- integrated logistics support
- logistics support analysis
- organisational instructions and standards

Legislation may include:

- regulations related to such matters as export and import licensing, taxes and duties
- relevant federal, state and local government legislation and regulations including certification requirements

Costing may include:

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

Strategic alliances and cooperative ventures may include:

- relatively enduring inter-organisational cooperative arrangements, involving flows and linkages that utilise resources and/or governance structures from autonomous organisations, for the joint accomplishment of individual goals linked to the corporate mission of each sponsoring organisation

Communication channels may include:

- electronic
- media
- plans
- publications
- verbal
- written

Processes for the evaluation may include:

- balanced score card measures
- conformance reports
- customer feedback
- gap analysis

RANGE STATEMENT

- key performance indicators
- variance analysis

Unit Sector(s)

Not Applicable

Competency Field

Competency Field X - Logistics