



Australian Government

TLIX6051 Plan maintenance for deployed operations

Release: 1

TLIX6051 Plan maintenance for deployed 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 plan logistics maintenance operations in operations, in accordance with relevant organisational policy and procedures.

This unit is applicable to logistics personnel responsible for planning and coordinating maintenance support at an organisational level.

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.

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

1 Analyse requirements

- 1.1 Operational task is received and analysed for maintenance requirements
- 1.2 Information is sourced and analysed to identify maintenance factors to be considered in supporting operations
- 1.3 Recommendations are provided to management regarding maintenance support and employment of maintenance

capabilities

2 Develop maintenance plan

- 2.1 Logistics information management systems are utilised to compile and analyse maintenance planning data and information
- 2.2 Maintenance equipment failure and repair data are used to establish type and scope of deployment maintenance support
- 2.3 Maintenance estimates are produced to support courses of action
- 2.4 Maintenance policy and procedures are reviewed and/or amended or developed to support maintenance activity within operational area of deployment
- 2.5 Maintenance organisational structure is developed to meet maintenance estimates within organisational resource constraints
- 2.6 Integration of contracted maintenance support is considered for inclusion in plan
- 2.7 Technical control arrangements are established within operational command and management framework
- 2.8 Maintenance plan is created in accordance with organisational policy and procedures
- 2.9 Risk analysis is conducted against maintenance plan to identify and mitigate unacceptable risks
- 2.10 Maintenance plan is communicated to stakeholders

3 Integrate maintenance plan with logistics plan

- 3.1 Liaison with other logistics stakeholders is undertaken to ensure maintenance plan is integrated into larger logistics or operational plan
- 3.2 Maintenance plan is adjusted in accordance with changing operational need or need to synchronise with other logistics functions

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 TLIX6051A Plan maintenance for deployed 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 TLIX6051 Plan maintenance for deployed operations

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:

- analysing and validating numerical information accurately
- analysing task complexities
- applying a broad range of problem-solving strategies to planning outcomes
- identifying operational intent and recognising how own planning contributes to mission success
- interpreting instructions and applying this to developing own actions and tasks
- interpreting technical policy and doctrine
- making informed decisions that align with organisational requirements
- managing planning tasks in collaboration with other stakeholders
- moving forward despite the planning task difficulty
- preparing and issuing written instructions
- reading and writing at a level to cope with a range of complex workplace materials
- undertaking analysis to determine where internal and external factors impact on logistics support requirements
- using appropriate information technology and software
- using maintenance planning tools
- working cooperatively as a member of a team.

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:

- backloading management principles
- backlog management principles
- grades of repair
- integrated logistics support (ILS)
- legislative and regulatory environment relating to materiel maintenance
- likely consequences of terrain and weather on material
- lines of maintenance support
- logistics support concepts
- maintenance doctrine, instructions and advisory bulletins
- maintenance planning
- operational requirements of maintenance support
- organisational structures and support services
- reliability, availability, maintainability (RAM)
- technical regulations, policy and procedure
- types of maintenance support
- workflow management principles.

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.

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