



Australian Government

DEFCM307A Maintain logistic support in an adverse environment

Release 2

DEF CM307A Maintain logistic support in an adverse environment

Modification History

Release	TP Version	Comments
2	DEF12V2	Layout adjusted. No changes to content.
1	DEF12V1	Primary release.

Unit Descriptor

This unit covers the competency required to maintain the delivery of logistics in an adverse environment.

Application of the Unit

This unit of competency was written by Defence where an adverse environment typically involves threats and armed conflict. However the unit has been written in a generic manner so that it is applicable to logistics personnel who have a responsibility to organise and manage the delivery of logistic support in an adverse environment.

The application of this unit in the workplace includes identifying and analysing the adverse circumstances within a logistics operating environment and implementing strategies to minimise exposure to these circumstances or the consequences posed by such circumstances. This unit of competency is applicable to logistics elements that may be comprised of a range of capabilities from different disciplines including road transport, supply, maintenance, catering or health.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

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. Where ***bold italicised*** text is used, further information is detailed in the Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for logistics operations in an adverse environment	<p>1.1 Intelligence is sourced and analysed to define the environment in which logistic support is to be provided in accordance with <i>organisational policies and procedures</i>.</p> <p>1.2 <i>Adverse circumstances</i> are identified that could negatively impact on the delivery of logistic support.</p> <p>1.3 Adverse circumstances are analysed and assessed for their potential for occurrence and subsequent consequence to logistics operations.</p> <p>1.4 <i>Risk management measures</i> are developed and integrated into planning considerations.</p> <p>1.5 Risk management measures are integrated into logistics operations and are communicated to <i>logistics elements</i>.</p>
2. Protect a logistics site	<p>2.1 Protection of logistics site is planned taking into account the <i>technical requirements</i> of delivering service support and <i>siting requirements</i>.</p> <p>2.2 Liaison is undertaken with other logistics organisation/s to establish shared responsibilities and mutual support arrangements.</p> <p>2.3 <i>Protective measures</i> are selected and integrated into protection plan .</p> <p>2.4 Protection plan is developed and communicated to all relevant personnel in accordance with organisational policies and procedures.</p>
3. Protect logistic road movement	<p>3.1 <i>Preparation of vehicles</i> for road movement is directed and monitored to ensure vehicles are prepared for movement through an adverse environment.</p> <p>3.2 <i>Escorts</i>, where applicable, are liaised with to establish a common understanding of the road movement plan, communications arrangements and actions to be taken by personnel in the event of a adverse circumstance.</p> <p>3.3 <i>Convoy protection measures</i> are applied during road movement in accordance with organisational policies and procedures.</p> <p>3.4 <i>Emergency or threatening situations</i> are responded to in accordance with organisational policies and procedures.</p> <p>3.5 Communication links are maintained during road</p>

movement with the control centre and within the road convoy as required.

Required Skills and Knowledge

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

Required Skills

- adapt plans during implementation to suit the changing nature of the environment and operation
- apply a planning process to develop suitable logistics courses of action
- apply planning and appreciation processes to the protection of deployed logistic facilities
- communicate instructions to implement difficult plans and tasks
- draft and release complex forms of written communication
- interpret detailed and complex orders and instructions
- liaise closely with other agencies to integrate protection
- plan and coordinate vehicle road movement
- supervise a team of personnel working in a field environment performing logistic tasks
- utilise technology to monitor and coordinate logistic support

Required Knowledge

- convoy protection measures
- functional and technical siting requirements of specialist logistics elements
- individual planning processes
- interrelationship between specialist logistics elements within an integrated logistics team
- logistic support concepts
- organisational policies and procedures
- protective siting requirements of logistics elements
- regulatory and standards requirements as it pertains to logistics
- risk management measures for deployed logistics elements

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, 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:

- accurately identify adverse circumstances within the logistics operating environment
- employ strategies to protect logistics personnel and equipment when stationary and when moving by road

Consistency in performance

Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations within the workplace.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the intended workplace or in an environment which accurately reflects the nature and tempo of the workplace.

Specific resources for assessment

Access is required to:

- actual or simulated workplace
- equipment used in the conduct of logistics operations in an adverse environment
- organisational policies and procedures

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. Bold italicised wording in the Performance Criteria is detailed below.

<p><i>Organisational policies and procedures</i> may include:</p>	<ul style="list-style-type: none"> • Australian Standards • Instructions • Doctrine pamphlets • Job guides, other publications • Manufacturers' handbooks, industry specifications and • technical instructions • Work health and safety (WHS) regulations • Organisational policies and procedures • Procedure manuals • Relevant local government by-laws • Relevant state/territory or federal legislation • Routine Orders • Standing Operating Procedures • Standing Orders • Written and verbal orders
<p><i>Adverse circumstances</i> may include:</p>	<ul style="list-style-type: none"> • Armed conflict • Biological hazards • Civil unrest • Climatic conditions (flood, fire, famine, earthquake) • Community upheaval • Mines and booby traps (command detonated and pressure release) • Puncturing and disabling devices such as spikes • Thrown projectiles and visibility retardants
<p><i>Risk management measures</i> may include:</p>	<ul style="list-style-type: none"> • Convoy protection • Protection measures
<p><i>Logistics elements</i> may include:</p>	<ul style="list-style-type: none"> • Catering • Health • Maintenance • Supply • Transport
<p><i>Technical requirements</i> may include:</p>	<ul style="list-style-type: none"> • Access • Circuits • Cover and concealment • Drainage

	<ul style="list-style-type: none"> • Facilities and Infrastructure • Ground • Hard-standing • Size
<i>Siting requirements</i> may include:	<ul style="list-style-type: none"> • All-round protection • Depth • Flexibility • In a Defence context: <ul style="list-style-type: none"> • battle plan • centralisation of firepower • coordinated fire plan • integration of defensive measures • Mutual support • Security • Use of ground
<i>Protective measures</i> may include:	<ul style="list-style-type: none"> • Command and control • Dispersion of vehicles, equipment and stocks • Early warning systems
<i>Protective measures in a Defence environment</i> may include:	<ul style="list-style-type: none"> • Active defensive measures: <ul style="list-style-type: none"> • defended localities • obstacles • patrolling • ready and quick reaction forces • security picquets • sentries, observation posts and standing patrols • strong points • Passive defensive measures: <ul style="list-style-type: none"> • camouflage and concealment • command and control • cleared fields of fire • dispersion of vehicles, equipment and stocks • early warning systems • pits for protection
<i>Preparation of vehicles</i> may include:	<ul style="list-style-type: none"> • Checking standard vehicle accessories and equipment • Covering/blackout painting of reflective areas • Fitting shrouds and skirts • Fitting specialist equipment • Hardening floors • Installing wire mesh and screens to repel projectiles

	<ul style="list-style-type: none">• Mounting weapons• Removing unnecessary seating• Start up checks for vehicle operation• Removing extraneous equipment e.g. tailgate• Removing roofing• Reporting deficiencies to supervisor and taking remedial action
<i>Escorts</i> may include:	<ul style="list-style-type: none">• Aircraft• Armed helicopters• Armed road vehicles• Emergency services vehicles• Police vehicles
<i>Convoy protection measures</i> may include:	<ul style="list-style-type: none">• Communication• Control• Defensive procedures• Use of air protection• Use of escorts• Use of ground protection
<i>Emergency or threatening situations</i> may include:	<ul style="list-style-type: none">• Demonstrators• Enemy• Gangs• Insurgents• Local population• Terrorist

Unit Sector(s)

Not applicable.