



Australian Government

Department of Education, Employment and Workplace Relations

PUADEFTP001B Operate a vehicle in an environment of threat

Revision Number: 1

PUADEFTP001B Operate a vehicle in an environment of threat

Modification History

Not applicable.

Unit Descriptor

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This unit covers the competency required to operate a **vehicle** in a **work environment** where there are a range of **threats to the security** of the vehicle and driver.

These threats may include actions by an adversarial or enemy force targeted at destroying the vehicle and driver. The focus of the threat may be towards disablement of the driver, vehicle and/or load and may be carried out using a range of weapons from the ground and/or the air.

Application of the Unit

Application of the Unit

The application of this unit in the workplace - the environments, complexities and situations involved - will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

This text will be useful for the purposes of job descriptions, recruitment advice or job analysis; where possible, it will not be too job specific to allow other industries to import it into other Training Packages, where feasible.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite Unit/s

PUADEFTP002B Operate a vehicle at night

PUADEFTP003B Operate a vehicle over difficult terrain

PUADEFTP004B Operate a vehicle using night fighting equipment

TDTF1097B Apply fatigue management strategies

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. 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. Camouflage and conceal a vehicle to counter observation, surveillance and detection from threats to security	1.1 Specialist equipment appropriate to the task is obtained and checked for serviceability 1.2 Vehicle is prepared for tactical employment and operational driving in a threat environment in accordance with standard procedures and instructions 1.3 Vehicle is camouflaged from observation, surveillance and detection in accordance with procedures and instructions 1.4 Vehicle and its signature are concealed from observation, surveillance and detection using natural and artificial resources
2. Apply tactical deployment drills and contingency actions when driving a vehicle in an environment of threat	2.1 Vehicle is driven singularly and in convoy in a threat environment in accordance with standard procedures and convoy instructions, as directed 2.2 Vehicle is tactically deployed during halts in accordance with standard procedures 2.3 Vehicle contingency actions are employed when threatened, in accordance with standard procedures

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required Skills

- prepare a vehicle for operational driving
- drive a vehicle under operational conditions
- follow instructions/directives and verbally report information
- participate in team
- encourage other team members
- use a variety of verbal and non-verbal communication techniques including language style, active listening
- read and implement written or verbal orders and procedures

Required Knowledge

- tactical deployment procedures including convoy driving procedures and actions at a halt and occupation of a hide or administrative position
- threats to vehicle security, observation and detection
- contingency actions
- team work principles and strategies
- techniques for supporting others
- composition of teams and roles and responsibilities of team members
- verbal and non-verbal communication techniques including hand signals, language style, active listening

Evidence Guide

EVIDENCE GUIDE

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EVIDENCE GUIDE

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

Assessment must confirm the ability to reduce vulnerability through preparation of the vehicle, the use of camouflage and concealment, and the application of contingency actions that minimise risk.

It is essential that if faced with a threat the driver is capable of carrying out contingency actions to prevent or minimise damage to the person, the vehicle and the load, both when travelling alone and in convoy with other vehicles.

Assessment must also confirm the application of counter-surveillance doctrine and procedures and the employment of operational driving techniques, in driving both a light and medium vehicle, carrying both general cargo and personnel, in a simulated operational environment.

It is essential that competence is demonstrated in:

- selection of halt and hide positions that make best use of the natural terrain and vegetation, and provide maximum concealment
- occupation of halt and hide positions, optimising the position of the vehicle and the timely application and erection of camouflage
- procedures for camouflaging a vehicle, including use of natural vegetation and artificial aids such as camouflage nets and support sets that allow emergency redeployment of the vehicle without entanglement.

Consistency in performance

Competency should be demonstrated as part of a broader assessment activity involving the tactical deployment of drivers and vehicles over an extended period. Performance will need to demonstrate reacting to a range of threats and carrying out contingency actions on a number of occasions.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed carrying both general cargo and personnel. While assessment will normally be conducted as a team activity involving a number of vehicles and drivers, evidence of individual performance should be gathered on operational driving,

EVIDENCE GUIDE

the tactical deployment of vehicles, the use of camouflage to prevent observation and detection and the employment of contingency actions such as counter ambush and counter air attack. Most assessment tasks require the cooperation and assistance of other team members, therefore the ability to work as part of a team should be included in the overall assessment.

Assessment should be sequential from the actions of the individual on the receipt of instructions for movement through to the employment of contingency actions. Given that most of this unit of competency is based on the application of drills and procedures the assessment will be conducted primarily through the observation of practical skills. Errors detected in performance can be used to prompt a more detailed examination of a particular knowledge or skill and verbal and/or a written questioning of underpinning knowledge may complement practical assessments.

Specific resources for assessment

Access to a suitable training and assessment area to simulate operational conditions.

Guidance information for assessment

Information that will assist or guide assessment will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

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

Vehicles may include	All wheeled road transport vehicles (in Defence this equates to B class vehicles)
Work environment includes all operational road transport situations include	Operations conducted during the day or night including under illumination and reduced lighting Work conducted in exposed conditions A variety of road, terrain, weather and vegetation conditions including off-road A range of threatening situations
Threats may include	Mines and booby traps (command detonated and pressure release) Indirect attack from the air by aircraft and artillery Direct attack from ground based weapons Thrown projectiles and visibility retardants Puncturing and disabling devices such as spikes
Specialist equipment may include	Night fighting equipment Weapons Communications equipment Camouflage nets Camouflage support sets Vehicle skirts and shrouds
Vehicle preparation may include	Start up checks of vehicle operation Checking standard vehicle accessories and equipment Fitting specialist equipment such as night fighting equipment and camouflage nets Removing unnecessary seating Hardening floors Mounting weapons Removal of roofing

RANGE STATEMENT

Standard procedures include	Installation of wire mesh and screens to repel projectiles
	Removal of extraneous equipment e.g. tailgate
	Covering/blackout painting of reflective areas
	Fitting shrouds and skirts
	Reporting deficiencies to the supervisor and taking remedial action
	Written and verbal orders, convoy orders and instructions
Observation, surveillance and detection methods may include	Standing orders, routine orders, procedures manuals, doctrine pamphlets, job instructions
	Guides and other publications
	Defence Road Transport Instructions, Driver's Handbook, vehicle user's handbook
	Procedures prescribed for the vehicle by the relevant state/territory road traffic authority and parent Defence unit/formation
	Visual
	Thermal
Natural and artificial resources that may be used to conceal the vehicle may include	Acoustic
	Vibration
	Electronic
	Vegetation
	Terrain
	Buildings and other manufactured structures
Convoy instructions may include	Camouflage nets and support sets
	Vehicle speeds
	Vehicle spacing
	Light restrictions
	Synchronous start up and shut down procedures
	Long and short halt procedures
Tactical deployment may include	Action on enemy contact
	Individual movement of vehicles along roads and tracks

RANGE STATEMENT**Vehicle contingency action
may include**

Convoy driving
Individual and collective occupation of defensive
positions, harbours, hides and administrative support
areas
Counter-ambush drills
Counter-mine drills
Counter-air attack drills
Counter-obstacle drills

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s Nil