



Australian Government

Department of Education, Employment and Workplace Relations

PUADEFCA417B Destroy targets using a direct fire guided weapon system

Revision Number: 1

PUADEFCA417B Destroy targets using a direct fire guided weapon system

Modification History

Not applicable.

Unit Descriptor

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This unit covers the competency required to safely handle, aim, fire, and maintain ***direct fire guided weapon systems*** designed to destroy targets.

The weapon is designed to be carried by a person.

An individual would normally operate the weapon in a team environment under supervision. The operator must be thoroughly familiar with characteristics and capabilities of the guided weapon system and competent in the application of fire in an operational or simulated ***operational environment***.

The individual will usually operate under Orders for Opening Fire and in accordance with the Rules of Engagement.

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	Nil
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Employability Skills Information

Employability Skills	This unit contains employability skills.
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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. Handle a direct fire guided weapon system	<p>1.1 Weapon is safely handled and carried in accordance with <i>standard procedures</i></p> <p>1.2 <i>Ammunition</i> is identified, selected and safely handled in accordance with standard procedures</p> <p>1.3 <i>Weapon drills</i> are conducted in accordance with standard procedures</p> <p>1.4 <i>Fire positions</i> are adopted as required by environment and threat</p> <p>1.5 Occupational health and safety (OH&S) requirements and recognised safety precautions are applied throughout the operation</p> <p>1.6 Ammunition is secured in accordance with standard procedures</p>
2. Fire with a direct fire guided weapon system	<p>2.1 <i>Weapon sighting systems</i> is employed as required by the operational environment, in accordance with standard procedures</p> <p>2.2 Rules of Engagement and Orders for Opening Fire are complied with when firing the weapon in accordance with operational requirements</p> <p>2.3 Targets are sighted, <i>identified</i> and selected by the operator in accordance with standard procedures</p> <p>2.4 Targets are tracked and <i>engaged</i> as required by the operational environment, in accordance with standard procedures</p> <p>2.5 Weapon is fired in accordance with orders and standard procedures</p>
3. Maintain and stow a direct fire guided weapon system	<p>3.1 <i>Operator maintenance</i> is conducted in accordance with standard procedures</p> <p>3.2 <i>Defects</i> are identified and rectified within limits of authority or reported to supervisor</p> <p>3.3 Documentation is completed in accordance with standard procedures</p> <p>3.4 Direct fire support system is secured in accordance with standard procedures</p>

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required Skills

- achieve the required effects of fire
- apply battlecraft aggressively
- apply fieldcraft skills
- apply recognised safety precautions
- hand eye coordination
- handle weapon safely in an operational environment
- manual dexterity
- use binoculars
- work in a team

Required Knowledge

- battlecraft
- characteristics, technical capabilities, effects, employment and limitations of the weapon
- characteristics, technical capabilities of the system
- fieldcraft
- fire control orders
- OH&S requirements
- safety precautions associated with the equipment
- target identification
- team work
- weapon drills

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 proficiently track and engage targets using the weapon system; to carry out all weapon drills as listed in the Range Statement; to accurately identify the target type; to successfully carry out live or simulated engagements; to fire from any supported and unsupported position; and to recognise limit of own authority.

Consistency in performance

Competency should be demonstrated over time in a range of actual live firing or simulated contexts. The operational activity is to take place over time allowing the individual to be assessed in a number of realistic operational scenarios.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed using live ammunition or using simulation that accurately reflects the operation of the weapon system.

The assessment environment should simulate an operational threat environment. The person should be exposed to the extremes of the operational environment where the person is under physical and mental stress.

Specific resources for assessment

Access to a direct fire guided weapon system, ammunition and a live firing range.

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.

Direct fire guided weapon systems may include

Dragon
Javelin
Milan
TOW

Operational environment may include

All seasons weather and terrain
Day
Extreme stress
Night
Primitive conditions
Under threat

Standard procedures may include

Australian Standards
Defence Instructions
Doctrine pamphlets
Job guides, other publications
Manufacturers' handbooks, industry specifications and technical instructions
OH&S 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

Ammunition may include

High explosive anti-tank
High explosive multi-purpose

RANGE STATEMENT**Weapon drills must may include**

Checking clearances
 Degrees of weapon readiness
 Immediate action and misfire
 Safety precautions
 Stripping and assembling

Fire positions may include

Supported or unsupported
 Prone
 Standing
 Kneeling
 Sitting
 Squatting

Weapon sighting systems may include

Electronic aiming devices
 Thermal/infra-red

Target identification must include

Differentiation between friend or foe
 Vehicle type identification:

- main battle tanks and other armoured vehicle
- slight armed vehicles
- light skin vehicles

Target identification may involve

Verification by external agencies

Engagement of the target may include

Destruction
 Neutralisation

Operator maintenance may include

Battery replacement
 Cleaning
 Electrical connections inspection and cleaning
 Inspections
 Launcher caps replacement
 Lens cap replacement

Defects may include

Broken cocking rod
 Broken firing pin
 Damaged cartridge guide

RANGE STATEMENT

Damaged sighting system
Faulty extension system
Faulty firing mechanism

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s	Nil
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