



Australian Government

Department of Education, Employment and Workplace Relations

PUADEFCA201B Operate indirect fire weapons

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

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This unit covers the competency required to safely handle, aim, fire, *manoeuvre* and maintain indirect fire weapons.

The operator must be thoroughly familiar with characteristics and capabilities of the weapon and competent in the application of fire in an operational environment.

The operator will work as part of a gun detachment team, be under direct supervision and receive orders that dictate all actions.

This unit is not intended for missile systems, rocket systems or for small arms.

Application of the Unit

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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

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. Maneuver the weapon

- 1.1 Weapon is moved into position as directed
- 1.2 Weapon is prepared for firing in accordance with **standard procedures**
- 1.3 Weapon is prepared for movement in accordance with standard procedures
- 1.4 Occupational health and safety (OH&S) requirements and recognised safety precautions are applied throughout the operation in accordance with standard procedures

2. Aim the weapon

- 2.1 **Ancillary equipment** is prepared for use and operated as required or directed
- 2.2 Indirect fire weapon is aimed and adjusted as directed and in accordance with standard procedures
- 2.3 Aiming calculations and recordings are maintained in accordance with standard procedures

3. Fire the weapon

- 3.1 **Ammunition** is handled under supervision and in accordance with standard procedures
- 3.2 Ammunition is visually inspected, **defects** are reported to supervisor and defective ammunition is quarantined as directed
- 3.3 Ammunition selected by the supervisor is prepared in accordance with **orders**
- 3.4 Ammunition is loaded and unloaded as directed
- 3.5 Gun is fired in accordance with orders
- 3.6 Misfire drills are completed as directed and in accordance with standard procedures
- 3.7 Ammunition residue is unloaded or removed after firing

4. Maintain the serviceability of the weapon

- 4.1 Defects are reported to supervisor
- 4.2 **Operating maintenance** is conducted 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

- hand eye coordination
- manual dexterity
- team work
- use communication equipment
- work in a stressful environment

Required Knowledge

- characteristics and technical capabilities of the system
- OH&S requirements
- safety precautions associated with the equipment

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 work as part of a gun detachment team; to use the ancillary equipment listed in the Range Statement; and to identify all ammunition defects listed in the Range Statement.

Consistency in performance

Competency should be demonstrated over a period of time either on operations or in simulated operational environments.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in a simulated operational environment due to the high-risk nature of the activity. The simulation should replicate the live environment where stress and fatigue are key features. The individual must be assessed as part of a team carrying out each of the individual functions required to operate an indirect fire weapon.

Specific resources for assessment

Access to a live fire range, an indirect fire weapon and live ammunition.

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.

Manoeuvring the weapon includes

Manhandling the weapon from the transport to the firing platform

Standard procedures may include

Australian Standards
Defence Instructions
Doctrinal 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

Ancillary equipment may include

Collimator/aiming devices
Fuse setters
Orientation and positioning equipment
Weapon sights

Ammunition may include

Anti personnel
Anti tank
High explosive
Illumination
Improved conventional munitions
Incendiary
Marker

RANGE STATEMENT

	Precision guided munitions
	Smoke base eject/ all colours
	And may be used with fuse types:
	• delay • proximity • super quick (point detonating/graze) • time
Defects must (for safety reasons) include	Corrosion
	Cracks
	Damage packaging
	Dented cartridge cases
	Fluting of the cartridge case
	Incorrect fuse projectile combinations
	Incorrect propellants
	Proud or recessed primer
	Rust
	Weeping
Orders may be	Transmitted electronically
	Verbal
	Written
Operating maintenance may include	Cleaning
	Lubricating

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s Nil