



Australian Government

Department of Education, Employment and Workplace Relations

PUADEFEO802A Undertake proof firings of other calibre 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 undertake proof or trial firings of other calibre weapons.

Application of the Unit

Application of the Unit

This unit was developed for specialists working within proof and trials organisations within Defence but may be applicable to any individual in this field of work.

Typically these individuals must demonstrate the ability to work independently or as part of a weapon crew under direct and/or indirect supervision, use discretion and judgement, and take responsibility for the quality of their output. All activities are carried out in accordance with relevant organisational policies and procedures.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

Employability Skills This unit contains employability skills.

Pre-requisite Unit/s Nil

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 firing

- 1.1 Occupational health and safety (OH&S) requirements and recognised safety precautions including those contained in organisational procedures, are applied throughout the task
- 1.2 ***Other calibre weapons*** are safely handled and/or carried in accordance with ***standard procedures***
- 1.3 ***Ammunition and explosive ordnance*** are identified, selected and safely handled in accordance standard procedures
- 1.4 ***Weapons drills*** are conducted in accordance with standard procedures
- 1.5 Fire positions are adopted in accordance with the proof or trial requirement, where required
- 1.6 ***Static fired*** weapons are safely prepared and secured in accordance with standard procedures

ELEMENT**PERFORMANCE CRITERIA****2. Fire weapons**

- 2.1 Weapons are fired in a ***person fired*** or static fired mode in accordance with proof or trial requirements.
- 2.2 Weapon sighting systems and associated equipment are employed in accordance with standard procedures
- 2.3 Targets are identified and engaged in accordance with proof or trial requirements
- 2.4 ***Incidents*** are reported in accordance with standard procedures

3. Finalise a range practice

- 3.1 ***Operator maintenance*** is undertaken in accordance with standard procedures or in accordance with the proof or trial instruction
- 3.2 ***Defects*** are identified and reported in accordance with standard procedures
- 3.3 ***Refurbishment*** of ranges is undertaken in accordance with standard procedures
- 3.4 ***Post range practice administration*** is completed in accordance with standard procedures
- 3.5 ***Observations*** on the firing are reported in accordance with the proof or trial instruction and organisational 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

- handle weapon safely
- identify relevant information
- operate weapon safely
- prepare and present simple reports
- provide and receive feedback in a constructive manner
- use appropriate information technology and software
- use a variety of verbal and non-verbal communication techniques

Required Knowledge

- codes of practice
- firing operation and effect of relevant weapons
- information sources
- organisational guidelines and standards
- regulatory requirements
- relevant legislation
- standards relevant to organisational operations
- verbal communication techniques
- workplace safety in regard to handling relevant weapons
- written communication to a level required in the preparation of simple reports

Evidence Guide

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:

- safely operate the range of other calibre weapons used in the test/trial to conduct all weapon drills
- work as part of a weapon crew on appropriate crew served weapons.

Consistency in performance

Competency should be demonstrated over time in a variety of environments and tests/trials.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the workplace or in a simulated work environment, in accordance with all relevant legislation and organisational requirements.

Specific resources for assessment

Access is required to:

- live fire range and live ammunition
- pyrotechnics
- explosives.

EVIDENCE GUIDE

Method of assessment

This unit may be assessed with the following unit:

- PUADEFEO101D Work safely with explosive ordnance.

In a public safety environment assessment is usually conducted via direct observation in a training environment or in the workplace via subject matter supervision and/or mentoring, which is typically recorded in a competency workbook.

Assessment is completed using appropriately qualified assessors who select the most appropriate method of assessment.

Assessment may occur in an operational environment or in an industry-approved simulated work environment. Forms of assessment that are typically used include:

- direct observation
- interviewing the candidate
- journals and workplace documentation
- third party reports from supervisors
- written or oral questions.

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.

Other calibre weapons may include

Crew served, and direct and indirect fire weapons
Weapons of calibre larger than 20 mm

Standard procedures may include

Australian Standards
International standards
Job guides and 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
Standard operating procedures
Verbal or written directions

Ammunition and explosive ordnance may include

Anti personnel
Anti tank
Ball
Blank
Drill
High explosive
Illumination
Improved conventional munitions
Incendiary
Marker
Precision guided munitions
Rocket assist
Smoke base eject/all colours
Tracer

RANGE STATEMENT

	And may be used with fuze types: • delay • proximity • super quick (point detonating/graze) • time
Weapons drills may include	Checking clearances Degrees of weapon readiness Immediate action and stoppage Misfires Safety precautions Stripping and assembling
Static fired refers to	The firing of the weapon or munition using a remote firing arrangement and/or holding device
Person fired refers to	The firing of a weapon with the firer holding the weapon and firing it in its design mode
Incidents may include	Equipment malfunction or damage Procedure difficulty Safety breaches Target malfunction Weapon or munition malfunction
Operator maintenance may include	Cleaning Lubricating
Defects may include	Corrosion Cracks Damaged charge bags Damaged packing Damaged weapon parts Dented cartridge cases Fluting on cartridge case Incorrect fuze projectile combinations Incorrect propellants Proud or recessed primer

RANGE STATEMENT**Refurbishment may include**

Rust
Weeping
Cleaning up of firing points
Cleaning up, repairing or replacing unexploded ordnance
Destroying and/or reporting unexploded ordnance
Removing and accounting for range stores, produce and ammunition

Post range practice administration may include

Completing range clearance
Conducting clearances and inspections
Debriefing
Raising of relevant range, training and trade documentation
Submitting reports, returns and evaluations

Observations may include

Defects observed
Difficulties or positive occurrences relating to the trial or proof test
Procedural difficulties

Unit Sector(s)

Not applicable.