



Australian Government

DEFEO801A Undertake proof firings of small arms

Release: 2

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Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted.
1	DEF12 V1	First release.

Unit Descriptor

This unit covers the competency required to undertake proof or trial firings of small arms.

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 team 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

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 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 Work health and safety (WHS) requirements and recognised safety precautions including those contained in organisational procedures, are applied throughout the task 1.2 Small arms are safely handled and carried in accordance with standard procedures 1.3 Ammunition is identified, selected and safely handled in accordance with 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 1.7 Ammunition is secured in accordance with standard procedures
2. Fire small arms	2.1 Small arms 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. Maintain and refurbish stores and equipment	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

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

Required Skills

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

Required Knowledge

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

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 small arms used in the test/trial to conduct all firearm drills
- identify all ammunition defects listed in the Range Statement

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
- live ammunition

Method of assessment

This unit may be assessed with the following unit:

- DEFEO101D 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

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.

<i>Small arms</i> may include:	• Personal weapons up to 0.5 inch calibre
<i>Standard procedures</i> may include:	• Australian Standards • International standards • Job guides and other publications • Manufacturers' handbooks, industry specifications and technical instructions • Organisational policies and procedures • WHS regulations • Procedure manuals • Relevant local government by-laws • Relevant state/territory or federal legislation • Standard operating procedures • Verbal or written directions
<i>Ammunition</i> may include:	• Ball • Blank • Drill • Trace
<i>Weapons drills</i> may include:	• Checking clearances • Degrees of weapon readiness • Immediate action and stoppage • Safety precautions • Stripping and assembling
<i>Static fired</i> refers to:	• The firing of the weapon or munition using a remote firing arrangement and/or holding device
<i>Person fired</i> refers to:	• The firing of a weapon with the firer holding the weapon and firing it in its design mode
<i>Incidents</i> may include:	• Equipment malfunction or damage • Procedure difficulty • Safety breaches • Target malfunction • Weapon or munition malfunction
<i>Operator maintenance</i> may include:	• Cleaning • Lubricating
<i>Defects</i> may include:	• Corrosion • Cracks

	• Damaged packing • Damaged weapon parts • Dented cartridge cases • Fluting on cartridge case • Incorrect propellants • Proud or recessed primer • Rust • Weeping
Refurbishment may include:	• Cleaning up of firing points • Removing and accounting for range stores, produce and ammunition
Post range practice administration may include:	• Complete range clearance • Debriefing • Raising of relevant range, training and trade documentation • Submitting reports, returns and evaluations • Undertaking clearances and inspections
Observations may include:	• Defects observed • Difficulties or positive occurrences relating to the trial or proof test • Procedural difficulties

Unit Sector(s)

Not applicable.