



Australian Government

DEFCM118B Act as a range safety officer on a permanent range

Release 2

DEF118B Act as a range safety officer on a permanent range

Modification History

Release	TP Version	Comments
2	DEF12V2	Application Added. Evidence Guide simplified Minor change to Range Statement and Unit Descriptor No change in Outcome
1	DEF12V1	Primary release.

Unit Descriptor

This unit covers the competency required to perform the duties of a range safety officer during the conduct of range practices on permanent ranges. Supervising safety on a permanent range includes safe handling and operation of weapons and ammunition for which the range safety officer has been assessed as qualified to operate.

Range practices are potentially high-risk activities consequently applying, implementing and supervising safety precautions underpins all aspects of this competency. The include:

- 25 metre and 100 metre open ranges
- classification range
- mobile training range
- standard 25 metre range
- static mechanical range
- weapons training simulation system

This Unit of Competency does not cover the requirements to act as a safety officer on a grenade range.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication. In a Defence context, this means that there is no civilian need to hold this unit in order to meet licensing, legislative, regulatory or certification requirements.

Application of the Unit

This competency was developed for Defence personnel required to perform the duties of a range safety officer, including butts or firing point supervisor, during the conduct of range practices on permanent ranges within a Defence working environment.

Typically, a range safety officers work independently under indirect supervision, use discretion and judgement, and take responsibility for the quality of their outputs. All activities are carried out safely 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 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 range practices	1.1 Relevant <i>range regulations</i> are identified and applied in accordance with <i>standard procedures</i> . 1.2 Work health and safety (WHS) requirements and <i>recognised safety precautions</i> are applied throughout the task. 1.3 Relevant <i>control measures</i> are employed. 1.4 <i>Administrative requirements</i> are completed.
2. Supervise safety on a range	2.1 <i>Range is monitored</i> to ensure a safe environment. 2.2 Communications are maintained with range supervisor. 2.3 Unsafe practices are identified and corrections are applied in accordance with standard procedures. 2.4 <i>Incidents</i> are managed in accordance with instructions from supervisor and range regulations.
3. Finalise a range practice	3.1 <i>Ranges are refurbished</i> in accordance with standard procedures. 3.2 <i>Post range practice administration</i> is completed in accordance with standard procedures.

Required Skills and Knowledge

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

Required Skills

- apply the relevant WHS requirements
- apply weapon and ammunition safety
- operate relevant weapons and ammunition
- supervision
- use simulation systems

Required Knowledge

- characteristics, technical capabilities, effects, employment and limitations of relevant weapons, simulation and ammunition
- command, management and leadership principles
- operational safety
- relevant WHS requirements
- risk identification and management

Evidence Guide

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

Assessment must confirm the ability to perform the role of firing point supervisor on a live range and to take the correct action in response to:

- safe handling of ammunition
- ammunition malfunctions
- safe operation of weapons
- weapon malfunctions
- unauthorised movement
- injury
- fatality
- negligent discharge of weapons

Consistency in performance

Competency should be demonstrated during an actual live fire range practice.

Context of and specific resources for assessment

Context of assessment

Competency must be assessed on an actual live firing range. Where possible the assessment should be conducted on a classification range.

Specific resources for assessment

Access to purpose built ranges, relevant weapons, ammunition and equipment.

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.

Range regulations may include:

- ammunition technical instructions
- DI(A) OPS 25-2 Range Incidents and Reporting
- range, area and unit standing orders
- range regulations manual 9-2
- relevant weapon, ammunition and equipment publications
- safety manuals
- shooting policy
- training information bulletins

<p><i>Standard procedures</i> may include:</p>	<ul style="list-style-type: none"> • Australian Standards • defence instructions • doctrinal pamphlets • job guides, other publications • manufacturers' handbooks, industry specifications and technical instructions • WHS 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
<p><i>Recognised safety precautions</i> may include:</p>	<ul style="list-style-type: none"> • those contained in Australian Defence Force (ADF) policy and procedural documents
<p><i>Control measures</i> may include:</p>	<ul style="list-style-type: none"> • briefings (written or oral) • communications and signals • flags, lights, signage • inspections, declarations and clearances • instructions and briefings • range boundaries, template, arc, lane and target markers • rehearsals • sentries
<p><i>Administrative requirements</i> may include:</p>	<ul style="list-style-type: none"> • acquiring and preparing range stores • acquiring medical staff and stores • acquiring, testing and issuing communications equipment • arranging catering • arranging transport • collecting and transporting ammunition • identifying weapons, complete equipment schedule (CES) and sub-calibre devices • liaising with range staff • preparing targets • preparing simulation equipment • reconnaissance • submitting notices to airmen and mariners • understanding and reviewing range regulations, relevant publications and instructions

<i>Monitoring the range</i> may include:	<ul style="list-style-type: none"> • confirming: <ul style="list-style-type: none"> • adherence to orders and instructions • adherence to weapon and ammunition handling drills • conduct of inspections and clearances • maintenance of situational awareness
<i>Incidents</i> may include:	<ul style="list-style-type: none"> • ammunition malfunction • fatality • injury • negligent discharge • unauthorised movement • weapon malfunction
<i>Refurbishing ranges</i> may include:	<ul style="list-style-type: none"> • cleaning up firing points • cleaning up, repairing or replacing targets and target areas • destroying and/or reporting unexploded ordnance • removing and accounting for range stores, produce and ammunition
<i>Post range practice administration</i> may include:	<ul style="list-style-type: none"> • completing relevant training and/or trade documentation • conducting clearances and inspections • debriefing firers, range users and staff • submitting reports, returns and evaluations

Unit Sector(s)

Not applicable.