



Australian Government

DEFCA422B Conduct range practices

Release 2

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Modification History

Release	TP Version	Comments
2	DEF12 V2	Unit descriptor updated Application added Minor Range Statement change Evidence Guide updated
1	DEF12 V1	Release

Unit Descriptor

This unit covers the competency required to conduct weapons range practice to support the maintenance of operational readiness in the Australian Defence Force (ADF).

Range practice may include the following types of ranges:

- Standard 25 metre range
- 25 metre and 100 metre open ranges
- Classification range
- Static mechanical range
- MTR
- Field firing ranges including small arms, high explosive, anti armour and indirect fire weapons
- WTSS

This competency encompasses the safe and efficient planning and conducting of range practices as the Officer-in-Charge (OIC). Conducting, in this instance, also includes effective supervision of safety, and the preparation and finalisation of range practice using weapons and ammunition for which the OIC is qualified to operate.

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 OIC for the conduct of range practices within a Defence working environment.

Typically, OIC 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 Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<p>1. Prepare for range practices</p>	<p>1.1 Relevant <i>range regulations</i> are identified and applied in accordance with standard procedures.</p> <p>1.2 Work health and safety (WHS) requirements and recognised safety precautions including those contained in ADF procedures, are applied throughout the task.</p> <p>1.3 Relevant <i>control measures</i> are identified employed.</p> <p>1.4 <i>Administrative requirements</i> are completed.</p> <p>1.5 Safety trace is constructed when required, in accordance with standard procedures.</p>
<p>2. Conduct a range practice</p>	<p>2.1 <i>Safety</i> is effectively <i>supervised and maintained</i>.</p> <p>2.2 <i>Safety trace data</i> is identified and applied.</p> <p>2.3 <i>Duties of the OIC</i> are efficiently performed in order to comply with relevant regulations and safety requirements.</p> <p>2.4 Range practice is safely conducted in accordance with current publications and the relevant range instruction.</p>
<p>3. Finalise range practices</p>	<p>3.1 Ranges are <i>refurbished</i> in accordance with standard procedures.</p> <p>3.2 <i>Post range practice administration</i> is completed in accordance with standard procedures.</p>

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
- command, lead and manage
- operate relevant weapons and ammunition
- 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:

- conduct the appropriate range practice
- adhere to orders and instructions

Consistency in performance

Competency should be demonstrated in the conduct of a number of actual range practices in accordance with current regulations while performing the duties of a safety supervisor and the OIC.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed on an actual live firing range.

Specific resources for assessment

Access to purpose built and field firing 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.

<p><i>Range regulations</i> may include:</p>	<ul style="list-style-type: none"> • ammunition technical instructions • army shooting policy • DI(a) OPS 25-2 <i>range incidents and reporting</i> • range, area and unit standing orders • range regulations 9-2 • relevant weapon, ammunition and equipment publications • safety manual • TIB 85
<p><i>Control measures</i> may include:</p>	<ul style="list-style-type: none"> • appropriately qualified staff • communications and signals • flags, lights, signage • inspections, declarations and clearances • instructions and briefings • public notification, written or oral • range boundaries, template, arc, lane and target markers • rehearsals • sentries
<p><i>Administrative requirements</i> may include:</p>	<ul style="list-style-type: none"> • catering • communications equipment • identifying and implementing concurrent activity • identifying qualified staff • identifying weapons, complete equipment schedule and sub-calibre devices • liaison with range staff • medical staff and stores • notices to aircraft and maritime operators • range stores • reconnaissance • safely handling ammunition • simulation equipment prepared (e.g. bess) • targetry • transport • understanding and reviewing publications and documentation
<p><i>Safety is effectively</i></p>	<ul style="list-style-type: none"> • from firing points and butts, effects bunkers, moving

<i>supervised:</i>	<p>and static firing points relative to the target area, for relevant weapons and ammunition types by:</p> <ul style="list-style-type: none"> • adhering to weapon and ammunition handling drills • adhering to orders and instructions • conducting inspections and clearances • maintaining situational awareness
<i>Safety trace data</i> may include:	<ul style="list-style-type: none"> • elevation • firing line limitations • firing point limitation • left and right of arc • locations of effects bunkers • locations of observation posts • target triangulation • weapons and ammunition types
<i>Duties of an OIC</i> may include:	<ul style="list-style-type: none"> • construction, set-up and layout of the range and range practice • development and implementation of a range instruction
<i>Refurbishing a range</i> may include:	<ul style="list-style-type: none"> • cleaning up firing points • cleaning up, repairing or replacing targetry 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"> • complete range clearance • conducting clearances and inspections • debriefing firers, users and staff • raising of relevant range, training and trade documentation • submitting reports, returns and evaluations

Unit Sector(s)

Not applicable.