



Australian Government

DEFMIL119 Operate a mortar

Release: 1

DEFMIL119 Operate a mortar

Modification History

Release	Comments
1	This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to DEFCA412B Operate a mortar. • Unit code updated • Content and formatting updated to comply with the new standards • All PC transitioned from passive to active voice • PC 1.4 removed • Elements 2 and 3 merged

Application

This unit describes the skills required to operate a mortar, including the 81mm mortar, in the Defence Force.

This unit applies to those working as combat arms personnel required to operate mortar equipment.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work under supervision, usually as part of a team and will operate under direct orders. They would use discretion and judgement, and take responsibility for the quality of their outputs while performing specific tasks in a range of contexts.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Competency Field

Military Skills

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions section.
1. Position the weapon	1.1 Prepare weapon position for firing. 1.2 Prepare ancillary equipment for use and operate as required or directed. 1.3 Prepare weapon for firing.
2. Fire the weapon	2.1 Prepare sighting equipment for use and operate as required or directed. 2.2 Calculate firing data both manually and electronically, and communicate to supervisor. 2.3 Aim and adjust mortar as directed. 2.4 Handle and prepare ammunition. 2.5 Inspect ammunition visually and report defects to supervisor. 2.6 Conduct weapon drills. 2.7 Fire mortar in an operational environment and in accordance with orders.
3. Maintain and stow the mortar	3.1 Clean and service weapon and associated equipment as required. 3.2 Identify and rectify defects within limits of authority or report to supervisor. 3.3 Complete documentation. 3.4 Secure mortar.

Foundation Skills

The foundation skills demands of this unit have been mapped for alignment with the Australian Core Skills Framework (ACSF). The following tables outline the performance levels indicated for successful attainment of the unit.

ACSF levels indicative of performance:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Learning NA					Reading					Writing					Oral communication					Numeracy				

Performance variables:

1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Support					Context					Text complexity					Task complexity				

Further information on ACSF and the foundation skills underpinning this unit can be found in the Foundation Skills Guide on the GSA website.

Unit Mapping Information

This unit supersedes and is equivalent to DEFCA412B Operate a mortar.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Companion Volume implementation guides are found in VETNet -

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Assessment Requirements for DEFMIL119 Operate a mortar

Modification History

Release	Comments
1	These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages. Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- achieving the required effects of fire
- applying battle craft
- applying fieldcraft
- applying recognised safety precautions
- interpreting fire control orders
- carrying out weapon drills including:
 - action
 - adjustment of scales
 - cease fire
 - firing
 - misfire
 - parallel
 - position aiming posts
- firing the weapon using, as a minimum, high explosive ammunition
- completing a variety of firing data calculations at least two of:
 - circular/rectangular sheath
 - coverage
 - datum
 - grids
 - intersection
 - linear
 - link shooting

- location
- polar
- proving the belt
- shift

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- battle craft
- characteristics, technical capabilities, effects, employment and limitations of mortars and ammunition
- fieldcraft
- target indication procedure
- weapon drills

Assessment Conditions

Competency should be assessed in an actual workplace or in a simulated environment, with access to equipment and infrastructure appropriate to the outcome. Competency should be demonstrated over time to ensure the candidate is assessed across a variety of situations.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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