



Australian Government

DEFMIL041 Operate and maintain an armoured vehicle

Release: 1

DEFMIL041 Operate and maintain an armoured vehicle

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 DEFCA104 Operate and maintain an armoured vehicle. • 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 • PC 1.1 and 1.2 revised

Application

This unit describes the skills required to operate and perform operational level maintenance on an armoured vehicle.

This unit applies to those working as combat arms soldiers, who are part of an armoured fighting vehicle crew, within an operational zone in Defence.

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 as individuals and as part of an armoured vehicle crew, under direct and/or indirect supervision. They would use discretion and judgement, and take responsibility for the quality of their outputs while performing specific tasks in a broad range of unpredictable 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. Prepare armoured vehicle for operations	1.1 Check armoured vehicle for operation and prepare for battle. 1.2 Complete documentation and stow equipment. 1.3 Identify, report and/or rectify armoured vehicle faults.
2. Operate armoured vehicle	2.1 Apply road laws and other legislative requirements. 2.2 Drive armoured fighting vehicle and negotiate complex terrain using driving techniques. 2.3 Apply tactical operating techniques. 2.4 React to faults. 2.5 Operate vehicle communications systems. 2.6 Apply navigational techniques.
3. Conduct operator maintenance	3.1 Conduct inspections and checks to maintain armoured fighting vehicle performance. 3.2 Test, adjust or replace armoured vehicle sub systems and ancillary equipment. 3.3 Complete and store documentation.

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 DEFCA104 Operate and maintain an armoured vehicle.

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 DEFMIL041 Operate and maintain an armoured vehicle

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.

- driving a vehicle
- employing relevant vehicle equipment
- using navigation techniques

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.

- armoured vehicle tactics, techniques and procedures
- characteristics and employment of vehicle weapon systems
- characteristics, technical capabilities, maintenance requirements and employment of vehicle communication systems
- characteristics, technical capabilities, maintenance requirements, effects, employment and limitations of vehicle
- current operational environment
- navigation techniques
- operational safety
- specific civil and military regulations relevant to the operation of the vehicle
- vehicle documentation

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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