



**Australian Government**

# **Assessment Requirements for DEFMIL086 Supervise engineering operations**

**Release: 1**

# Assessment Requirements for DEFMIL086 Supervise engineering operations

## Modification History

Release	Comments
1	<p>These Assessment Requirements were released in DEF Defence Training Package release 1.0 and meet the Standards for Training Packages.</p> <ul style="list-style-type: none"><li>Assessment Requirements created drawing upon specified assessment information from superseded unit</li></ul>

## 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.

- demonstrating combat engineer skills
- developing instructions from given orders
- drawing simple construction plans
- operating Global Positioning System (GPS)
- operating weapons
- conducting simple levelling for construction tasks
- supervising subordinates
- writing reports
- supervising general construction of pre designed timber structures, sandbag walls, obstacles, expedient structures and field defences using techniques, including:
  - construction design and plans
  - excavation
  - revetment
  - basic carpentry
  - concreting
- designing and using field machines (including at least one of: slings, gins, derricks and sheers) to move a load of at least three tonne
- supervising search of:
  - an occupied building
  - an unoccupied building
  - a vehicle (may include aircraft, boat, truck, train etc.)

- route (road)
- area
- liaising with a higher authority (search advisor, cordon commander, police, explosive ordnance disposal)
- supervising offensive, defensive and security tasks (including patrolling, attacking or withdrawing) involving activities such as:
  - navigation (day, night, vehicle, foot)
  - tracking and patrolling
  - employment of unit weapon systems:
    - individual weapons
    - crew served weapons
    - direct fire support weapons
    - communications
  - living in the field

## 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.

- combat communications
- combat engineer skill sets and equipment
- chemical, biological, radiological and nuclear warfare (CBRN)
- combat skills
- emergency response engineering
- geometric engineering
- legal and organisational requirements in relation to environmental requirements and Rules of Engagement
- risk assessment techniques

## 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

Companion Volume implementation guides are found in VETNet -

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

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